



Revision number: 8

Purchasing Agent: LOIS WIESEMANN

Item: LAN/WAN SWITCHING EQUIPMENT AND ATM

Vendor: 02729B E QWEST
250 BELL PLAZA STE 409
SALT LAKE CITY, UT 84111-2048

Internet Homepage:

Telephone: (801) 575-1029

Fax number: (801) 537-1055

Contact: Tom Compton

Email address: tcompto@qwest.com

Brand/trade name: CISCO

Price: STANDARD DISCOUNT 35% OFF CATALOG LIST

Terms: N/A

Effective dates: 03/01/02 through 05/17/02

Days required for delivery: BASED ON MANUFACTURER PRODUCT LEAD TIME

Price guarantee period:

Minimum order:

Min shipment without charges: There are no freight charges associated with this contract.

Other conditions: This is a 1 year contract with 2 (1) year renewal options.

PLEASE NOTE: CONTRACT HAS BEEN EXTENDED THROUGH 05/17/02

This Statewide Contract is an "AR" (Authorization Required) Contract. Authorization is required before purchase can be made. The authorization requirements and procedure is detailed in the attachment to the contract. Order may be placed only after authorization is received. This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.

AUTHORIZATION REQUIRED CONTRACT: State agencies are required to first contact the Division of Information Technology Services (ITS) for authorization and coordination of the contract purchase before placing an order with the contractor. State agencies must call David Lee, (801) 537-9251 to obtain authorization and guidance.

MULTIPLE AWARD CONTRACT: This statewide contract is one of two statewide contracts awarded for Cisco LAN/WAN switching and Atm Products (see other contract AR-877 with Mountain States Networking). The dual contract scheme serves to provide contract users with two very different approaches to maintenance. In Addition, both contracts have different discounts from Cisco list, as well as differing freight conditions. It is the responsibility of the contract user to review both contracts and select the contract that will meet their application and requirements.



Equipment Cost: Standard Discount of 35% OFF CATALOG LIST

For current price list call:

Purchasing Technician

Division of Purchasing & General Services

Telephone #: **(801) 538-3151**

Installation Charges

QWEST Networking Service Implementation

QWEST Service Implementation includes all the necessary on-site support and remote technical assistance needed to ensure installation of new data equipment and complete network interoperability. Qwest Networking Services provides on-site support and remote technical assistance for network connectivity. Installations are performed from 8:00 a.m. to 6:00 p.m. local time, Monday through Friday, excluding locally observed holidays. After-hours installation may be negotiated for an additional fee. There is no charge for travel within a 50-mile radius of an Qwest service city location.

Before on-site installation, the Qwest Account Team will work with the State to develop a Scope of Work detail. This agreement includes Overall Project Information, the Scope of Understanding/Customer Requirements, Site Survey information, Architectural Detail and Design and Configuration detail. Once the Scope of Work detail is finalized, installation is a two-step process that consists of off-site staging and on-site installation and interoperability assurance.

Staging

During staging, a technician at an Qwest location will:

- ☐ Ensure receipt of all components
- ☐ Connect and test new components to ensure equipment compatibility and functionality
- ☐ Connect terminal to console port
- ☐ Verify and update software on equipment to vendor's current release
- ☐ Configure equipment to support required protocols and network interfaces
- ☐ Insert the State IP addresses and password
- ☐ Verify interface compatibility of new components and integrate physical connections with the State's environment, based on Scope of Work documentation

On-Site Interoperability Assurance

After staging, an Qwest technician arrives at the customer's location to install the integrated components and ensure interoperability. Once on-site, the technician will:

- ☐ Unpack the pre-configured equipment and accessories
- ☐ Mount the equipment in a rack or on a shelf
- ☐ Connect the equipment to the State's network LAN/WAN connections
- ☐ Connect modem for future diagnostics and testing
- ☐ Connect terminal to console port to validate serial link status and finalize configuration (i.e., IP/IPX addressing, bridging and routing protocols, passwords, naming interfaces)
- ☐ Connect any necessary customer-provided auxiliary cables to existing equipment



- ☐ Verify system power-up, fan/blower operation, network interface, and LED status
- ☐ Verify operation of the primary network serial link to the remote end operation of network interfaces, status reports of these interfaces, and LED status

When the Qwest on-site technician has enabled the new system, the State will be asked to initial an Acceptance Criteria to acknowledge that U S WEST has completed the full implementation to the State's satisfaction. In the event the State discovers new requirements during the data equipment implementation, QWEST would be happy to schedule that work on a T&M basis.

The customer's Responsibilities

For all Qwest installations, the customer is responsible for the following tasks:

- ☐ Provide a modem telephone line (within 25 feet of the new product) and a phone number for remote access by the installer during installation. Customers who cannot provide modem phone lines must provide an EIA/TIA-232 interface terminal to interface with the console configuration port of the Cisco hardware.
- ☐ Provide voice telephone line and number (near the new product) for the installer.
- ☐ Provide console access and enable passwords, including a serial link access password and privileged-level enable password, for use after the router is installed and configured.
- ☐ Provide an IP address and subnet mask for the new product's serial network port.
- ☐ Provide the IP address of a remote host on the serial network connected to the new product (to be used to test the serial network connection).
- ☐ Provide and verify AC power requirements necessary to operate the hardware. The power outlets should be within five feet of the hardware to be installed.
- ☐ Verify all site environment specifications.
- ☐ Confirm and verify interface specifications and requirements.
- ☐ Verify all distance and interference limitations of interface cables to be used at installation.
- ☐ Install and verify the operation of all external communications hardware not provided by QWEST Networking. This hardware includes, but may not be limited to:
 - LAN and WAN connections
 - CSUs (channel service units)/DSUs (digital service units)
 - MAUs (media attachment units)
 - Transceivers
 - Modems
 - Any other external communications hardware related to the installation site
- ☐ Verify operation of all telephone circuits, digital services, and T1 facilities not supplied by QWEST Networking Service but required for the installation

On-site installation delays caused by inappropriate site preparation, hardware unavailability, or other circumstances beyond Qwest control will be billed at the prevailing field engineer T&M rates.

Training

Qwest will provide one opportunity for up to 12 State employees Seats, Class Fees Waived, to



attend a five-day Cisco ATM solutions course. Qwest Networking Services will teach this course in Salt Lake City, Utah. U S WEST will reserve 1 of the 12 seats for the Utah State Tax Commission since they have previously selected U S WEST and Cisco for their LAN switching vendor. U S WEST recommends that a representative from each Agency with a Transparent LAN connection receive one training seat. With the exception of the Utah State Tax Commission, the State may use discretion in determining who will receive the remaining 11 spots of training.

Overview

Qwest Data Network Training has been a Cisco Systems Training Partner since September 1993, and delivers Cisco courses on a national basis, including both public and on-site classes. Complete information on course outlines, intended audience, prerequisites, class schedule, available locations and list prices are outlined in the course catalog included at the end of this section. The following Cisco courses are highlighted:

- ☐ CCIE (Cisco Certified Internetwork Expert Program)
- ☐ ICRC (Introduction to Cisco Router Configuration)
- ☐ ACRC (Advanced Cisco Router Configuration)
- ☐ IMCR (Installation and Maintenance of Cisco Routers)
- ☐ CIT (Cisco Internetwork Troubleshooting)
- ☐ CID (Cisco Internetwork Design)
- ☐ Cisco ATM Solutions
- ☐ CLSC (Catalyst LAN Switch Configuration)
- ☐ CRLS (Cisco Routers and LAN Switches)
- ☐ CMTD (Configuring, Monitoring and Troubleshooting Dialup Services)

In addition to the above mentioned Cisco courses, Qwest Data Network Training offers a complete set of technology training courses covering ATM, Frame Relay, DSL, SONET, and overview classes on data communications, computer networking, LANs, and Internetworking. Full details and course outlines can be found in the course catalog.

On-Site Training Options

Qwest can deliver any of the high-quality classes shown in the course catalog at the State's site. On-site training allows the State to customize the course content to meet its specific needs and addresses issues pertinent to the State's business. The Qwest instructors are available to offer assistance in designing course requirements.

With the full array of training courses offered through Qwest, the State can select one course or an entire curriculum of courses to meet its goals. Qwest provides courses ranging from general networking and vendor certification to product installation and maintenance. Qwest has partnered with leading vendors and training companies to establish a complete one-stop shopping approach to deliver a cost-effective, total-training solution.

With Qwest on-site training, the State provides the training facility and Qwest will provide instructors with real-world data networking expertise and state-of-the-art lab equipment necessary for delivery of a professional, high-quality course. Providing training when the State needs it and where the training is needed allows the State to minimize training costs and time away from the workplace.



Generally, Qwest Data Network Training requires 30 days lead time to schedule training. A minimum of 12 students are required to schedule a class. Discounts for on-site training vary based on a number of factors, including total number of students, type of class, multiple classes offered in consecutive weeks, etc.

Cisco Certification Programs

Qwest Data Network Training offers the following Cisco Certification Programs:

- A. CCNA (Cisco Certified Network Associate)
- B. CCDA (Cisco Certified Design Associate)
- C. CCDP (Cisco Certified Design Professional)
- D. CCNP (Cisco Certified Network Professional)
- E. CCIE (Cisco Certified Internetwork Expert)

This broad selection of certification programs allows State employees to select certification programs appropriate for their job function. Certification Program descriptions outlines the necessary training and knowledge to gain the certification.

A. CCNA Certification Skills

Students learn to install, configure, and operate simple-routed LAN, routed WAN, and switched LAN and LANE networks.

What defines "simple" networks:

IP	AppleTalk	IPX RIP
IGRP	Frame Relay	Ethernet
IPX	IP RIP	Access Lists
Serial	VLANs	

Target Audience

- ☐ Individuals new to networking
- ☐ Academia: Network Academy graduates

Recommended Training	
CCNA Training	Course Name
Path 1	<input type="checkbox"/> ITM (Internetworking Technology Multimedia) CD-ROM Course <input type="checkbox"/> CRLS (Cisco Router and LAN Switching)
Path 2	<input type="checkbox"/> ITM <input type="checkbox"/> ICRC (Introduction to Cisco Routing and Configuration) <input type="checkbox"/> HPSDC (High Performance for Solutions for Desktop Connectivity)



Registration

Call 1-800-455-2228 to register for the ICRC or CSLC classes and to purchase the ITM or HPSDC CD-ROM.

Note: Students who graduate after completing four semesters of Networking Academies -- comprehensive Cisco training offered in selected educational institutions -- also have the expertise they need to pass the test required to achieve CCNA status. Networking Academies is available in select countries worldwide. For additional information contact the local Cisco office.

Testing Requirements

CCNA Exam #640-407

For more information about Cisco Certification testing please call 1-800-204-EXAM.

Knowledge Gained

Examples of solution types that a CCNA will be able to offer based on a combination of training and real-world experience:

- ☐ Install and/or configure a network.
- ☐ Optimize WAN through Internet access solutions that reduce bandwidth and reduces WAN costs using features such as:
 - Filtering with Access Lists
 - BOD (Bandwidth on Demand)
 - DDR (Dial on demand routing)
- ☐ Provide remote access by integrating dial-up connectivity with traditional, remote LAN to LAN access, and supporting the higher levels of performance required for new applications such as Internet commerce, multimedia, etc.

B. CCDA Certification Skills

Students design simple routed LAN, routed WAN, switched LAN and ATM LANE networks. The course requires prerequisite knowledge and skills to install, configure, and operate same.

Target Audience

- ☐ CCDAs wanting to perform design tasks or to move to a design role
- ☐ Level 1 network consultant or analyst in a large enterprise organization

Recommended Training

- ☐ CDS (Cisco Design Specialist) CD-ROM Course

For more information about Cisco Certification testing please call 1-800-204-EXAM.

Besides the recommended CCNA Technologies students will also learn:



- ☐ Network-Layer addressing
- ☐ Filtering with access list
- ☐ VLAN use and propagation
- ☐ Network sizing

Call 1-800-455-2228 to purchase CD-ROM course.

C. CCDP Certification Skills

Students design complex routed LAN, routed WAN, and switched LAN and ATM LANE networks. The course requires prerequisite knowledge and skills to install, configure, and operate same.

Target Audience

- ☐ CCNP's wanting to move to a design role
- ☐ Level 2 network consultant or analyst in a large enterprise organization
- ☐ Technician who needs to learn and apply design methodology
- ☐ CCDA that wants to progress

Recommended Training

- ☐ ACRC
- ☐ CLSC
- ☐ CMTD
- ☐ CID

Registration

Receive discount when you register for all four classes at the same time. Discount price applies per person. Call 1-800-455-2228 for details on the CMTD course.

Freight Charges

Qwest is waiving the cost of ground freight and including the cost of air freight.

Maintenance Charges

Qwest is providing prices for Standard +8, Standard +4, Standard NBD, and Premium +4 Maintenance Support Programs listed below.



MFR Part #	Description	Product Family	Standard +8	Standard +4	Standard NBD	Premium +4
AX-AC1-1	AC Power Option 1 - one 875 Watt one AC	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-AC2-1	AC Power Option 2 - two 875 Watt one AC	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-AC2-2	AC Power Option 3 - two 875 Watt two AC	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-AC-RACK1=	AC PS Rack encl 1 AC line input	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-AC-RACK2=	AC PS Rack encl 2 AC line inputs	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-ASC-BC=	AXIS Shelf Controller Card Back Card	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-AUSM-4E1	ATM UNI Service Module Four E1 Ports	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-AUSM-4T1	ATM UNI Service Module Four T1 Ports	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-BNC-4E1-BC	Four Port E1 Back Card for service Modul	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-BNM-155	Broadband Net Module w/ 1 SONET/SDH(155m	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-BNM-E3	Broadband Network Module - One E3 Port	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-BNM-T3	Broadband Network Module - One T3 Port	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-BOOST2	AXIS Additional Two Shelf Cooling	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-CAB-AC-LONG	Long cable AC shelf to AXIS	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-CAB-AC-SHRT	Short cable AC shelf to AXIS	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-CESM-4E1	Circuit Emulation Service Module Four E1	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-COOL2	AXIS Two Shelf Cooling	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-DB15-4E1-BC	Four Port E1 Back Card for service Modul	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-DC	AXIS DC Power Entry Module	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-FRASM-8T1	FR Access Service Module w/ 8 Channelize	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-FRSM-4E1	Frame Service Module Four Fractional E1	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-FRSM-4E1-C	Frame Service Module Four	AXIS	\$0.00	\$0.00	\$0.00	\$0.00



	Channelized E1					
AX-FRSM-4T1	Frame Service Module Four Fractional T1	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-FRSM-4T1-C	Frame Service Module Four Channelized T	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-FS-4	AXIS ForeSight License for each Frame Se	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-IMATM-8E1	IMA Trunk Module 8 E1s	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
AX-IMATM-8T1	IMA Trunk Module 8 T1s	AXIS	\$0.00	\$0.00	\$0.00	\$0.00
5010.728	F/W Media Kit - (Version 7.2.8.X) - SUN	BPX	\$0.00	\$0.00	\$0.00	\$0.00
5010.811	F/W Media Kit - (Version 8.1.1.X) - SUN	BPX	\$0.00	\$0.00	\$0.00	\$0.00
5010.82	F/W Media Kit - (Version 8.2.0.X) - SUN	BPX	\$0.00	\$0.00	\$0.00	\$0.00
AT3-6M-AC	T3 to 6 Mbps (T2) ATM Adapter with AC Po	BPX	\$0.00	\$0.00	\$0.00	\$0.00
AT3-6M-DC	T3 to 6 Mbps (T2) ATM Adapter with DC Po	BPX	\$0.00	\$0.00	\$0.00	\$0.00
AT3-6M-DC-B6ZS	T3-T2 Converter Box with B6ZS Line Encod	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPX8620	BPX8620, 15-slot; incl BCC-3-32M, BCC-3-	BPX	\$4,624.99	\$5,919.99	\$4,162.49	\$6,752.49
BPX8650	BPX Tag Switch: BPX w/BCC-4 ASM Backcard	BPX	\$5,500.00	\$7,040.00	\$4,950.00	\$8,030.00
BPXSW-7286-SUN=	BPX System Software Media Kit - SUN (ver	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPXSW-8119-SUN=	BPX System Software Media Kit - SUN (ver	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPXSW-8207-SUN=	BPX System Software Media Kit - SUN (ver	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPXSW-8430-SUN=	BPX System Software Media Kit - SUN (ver	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPXSW-8506-SUN=	BPX System Software Media Kit - SUN (ver	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPXSW-8507-SUN=	BPX System Software Media Kit - SUN (ver	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPXSW-9102-SUN=	BPX System Software Media Kit - SUN (ver	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPXSW-9103-SUN=	BPX System Software Media Kit - SUN (ver	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPX-T3/E3-BC	Universal 3/E3 Back Card	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPX-TE/E3-BC	Universal T3/E3 Back Card	BPX	\$0.00	\$0.00	\$0.00	\$0.00
BPX-TSC-72	Tag Switch Retrofit Kit: Cisco7204TSC TS	BPX	\$0.00	\$0.00	\$0.00	\$0.00



BPX-VT	Virtual Trunking License per node	BPX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-SMF-SC-10=	10 feet Single-Mode Fiber Cable (SC term	BPX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-SMF-SC-100=	100 feet Single-Mode Fiber Cable (SC ter	BPX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-SMF-SC-25=	25 feet Single-Mode Fiber Cable (SC term	BPX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-SMF-SC-50=	50 feet Single-Mode Fiber Cable (SC term	BPX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-SMF-SC-75=	75 feet Single-Mode Fiber Cable (SC term	BPX	\$0.00	\$0.00	\$0.00	\$0.00
PWRCD-NA=	Power Cord with NEMA L6-20 Twistlock plu	BPX	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-C1100!	SFTWR SPRT WORKGROUP CONCENTRATOR MTCE	Catalyst 1100 Series	\$1,299.93	\$1,663.91	\$1,169.94	\$1,897.90
WS-C116T	100BaseTX Unmanaged repeater	Catalyst 1100 Series	\$274.97	\$351.96	\$247.47	\$401.46
SSP-WS-C1200!	SFTWR SPRT WORKGROUP SWITCH MTCE	Catalyst 1200 Series	\$800.01	\$1,024.01	\$720.01	\$1,168.01
WS-C1201	CATALYST I	Catalyst 1200 Series	\$999.99	\$1,279.99	\$899.99	\$1,459.99
WS-C1202	CATALYST 8 PORT 10BASET SWITCH 4K ADDR	Catalyst 1200 Series	\$999.99	\$1,279.99	\$899.99	\$1,459.99
WS-C1211	CATALYST I, 8-PORT 10BASE-F SWITCH, 1K A	Catalyst 1200 Series	\$999.99	\$1,279.99	\$899.99	\$1,459.99
WS-C1212	CATALYST I, 8-PORT 10BASEF SWITCH 4K ADD	Catalyst 1200 Series	\$999.99	\$1,279.99	\$899.99	\$1,459.99
WS-C1221	CATALYST 10BASET ETHERNET SWITCH FDDI 10	Catalyst 1200 Series	\$999.99	\$1,279.99	\$899.99	\$1,459.99
WS-C1241	CATALYST 10BASET ETHERNET SWITCH CDDI 10	Catalyst 1200 Series	\$999.99	\$1,279.99	\$899.99	\$1,459.99
WS-C1511	100 MBPS FDDI A/B MULTI-MODE OPTION	Catalyst 1200 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C1513	100 MBPS CDDI A/B MLT-3 OPTION	Catalyst 1200 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C1514	100 MBPS FDDI A/B SINGLE-MODE OPTION	Catalyst 1200 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-SW-C1205	CATALYST SOFTWARE UPGRADE	Catalyst 1200 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-PRM-WS-C1400	SOFTWARE SUPPORT PREMIUM FOR WS-C1400	Catalyst 1400 Series	\$1,359.99	\$1,740.79	\$1,223.99	\$1,985.59
SSP-PRM-WS-X1431	Premium Software Support for WS-X1431	Catalyst 1400 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-C1400!	SFTWR SPRT CISCO WS-C1400	Catalyst 1400	\$850.01	\$1,088.01	\$765.01	\$1,241.01



	MTCE	Series				
WS-C1400	WS-C1400 CON BASE UNIT	Catalyst 1400 Series	\$1,063.01	\$1,360.65	\$956.71	\$1,551.99
FL160-C-B=	Cisco IOS 1600 Upgrd - IP to IP/IPX	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM1600R-2U12FC	2MB TO 12MB FLASH FACTORY UPGD./1605-R	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM1600R-2U16FC	2MB TO 16MB FLASH FACTORY UPGD./1605-R	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM1600R-8U10D	8MB TO 10MB DRAM FACTORY UPGD./1605-R	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM1600R-8U24D	8MB TO 24MB DRAM FACTORY UPGD./1605-R	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
SF160QP-11.3.2	Cisco IOS 1600 Series IP/IPX/AT/IBM Plus	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
SF16RM-11.2.X	CISCO 1605-R IOS IP/IPX/IBM FEATURE SET	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-EXP-160X!	SSP Express for Cisco 160X	Catalyst 1600 Series	\$220.01	\$281.61	\$198.01	\$321.21
SSP-EXP-WS-C1600!	Express SSP-WS-C1600!	Catalyst 1600 Series	\$2,080.00	\$2,662.40	\$1,872.00	\$3,036.80
SSP-PRM-WS-C1600!	Premium SSP WS-C1600	Catalyst 1600 Series	\$2,320.01	\$2,969.61	\$2,088.01	\$3,387.21
SSP-WS-C1600!	SFTWR SPPRT CISCO WS-C1600 MTCE	Catalyst 1600 Series	\$1,599.99	\$2,047.99	\$1,439.99	\$2,335.99
WS-C161F=	TOKEN RING SWITCH FDDI MODULE FOR CAT160	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C1670	CONCENTRATOR WALL MOUNT	Catalyst 1600 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC-CAT1700UG=	CATALYST 1700 SERIES USER GUIDE	Catalyst 1700 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-C1700!	SFTWR SPPRT CISCO WS-C1700 MTCE	Catalyst 1700 Series	\$300.00	\$384.00	\$270.00	\$438.00
SSP-PRM-WS-T1800!	Premium SSP WS-T1800!	Catalyst 1800 Series	\$1,919.99	\$2,457.59	\$1,727.99	\$2,803.19
WS-C1800	WORKGROUP DIRECTOR FOR SUN	Catalyst 1800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C1801	WORKGROUP DIRECTOR FOR RS/6000	Catalyst 1800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C1802	WORKGROUP DIRECTOR FOR HP	Catalyst 1800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-T1800	Cat 1800 Token Ring Switch	Catalyst 1800 Series	\$1,499.85	\$1,919.81	\$1,349.87	\$2,189.78
WS-T1800-4R1F	Cat 1800 - 4 Token Ring & 1 FDDI MIC Mod	Catalyst 1800 Series	\$0.00	\$0.00	\$0.00	\$0.00



WS-T1800-8R	Cat 1800 - 8 Port Token Ring Module	Catalyst 1800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-T1800-CHASSIS	Cat 1800 - Chassis w/1 Power Supply	Catalyst 1800 Series	\$1,889.81	\$2,418.96	\$1,700.83	\$2,759.12
WS-T1800-PWR	Cat 1800 - Power Supply	Catalyst 1800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-T1800-PWR=	Cat 1800 - Power Supply (spare)	Catalyst 1800 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-C1900!	Sftwr Support Catalyst 1900 Mtce	Catalyst 1900 Series	\$180.01	\$230.41	\$162.01	\$262.81
SSP-WS-C1912!	Sftwr Support Catalyst 1912/C-EN Series	Catalyst 1900 Series	\$119.99	\$153.59	\$107.99	\$175.19
SSP-WS-C1912A!	Sftwr Support Cat 1912/C-A Series_x	Catalyst 1900 Series	\$139.99	\$179.19	\$125.99	\$204.39
SSP-WS-C1912X!	Sftwr Support Catalyst 1912 Series	Catalyst 1900 Series	\$196.01	\$250.89	\$176.41	\$286.17
SSP-WS-C1924!	Sftwr Support Cat 1924/C-EN Series	Catalyst 1900 Series	\$236.01	\$302.09	\$212.41	\$344.57
SSP-WS-C1924A!	Sftwr Support Cat 1924/C-A Series	Catalyst 1900 Series	\$180.01	\$230.41	\$162.01	\$262.81
WS-C19/28EEUG	Catalyst 1900/2820 Enterprise Edition Up	Catalyst 1900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C19/28UG10	Catalyst 1900/2820 Enterprise Edition Up	Catalyst 1900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C1912	Cat1900 12 10BaseT, 1 100BaseTX 1K	Catalyst 1900 Series	\$149.99	\$191.99	\$134.99	\$218.99
WS-C1912-A	12 Port 10BaseT Switch w/2 100BaseTX	Catalyst 1900 Series	\$149.98	\$191.97	\$134.98	\$218.97
WS-C1912C-A	12 Port 10BaseT Switch w/1 100BaseTX;1 10	Catalyst 1900 Series	\$149.99	\$191.99	\$134.99	\$218.99
WS-C1912C-EN	12 Port 10Mb Switch 1 100TX 1 100 FX Por	Catalyst 1900 Series	\$244.98	\$313.57	\$220.48	\$357.67
WS-C1912-EN	12 Port 10Mb Switch 2 100BaseTX Ports I	Catalyst 1900 Series	\$269.49	\$344.95	\$242.54	\$393.46
WS-C1924-A	24 Port 10Mb Switch W/2 100BaseTX Ports;	Catalyst 1900 Series	\$247.49	\$316.79	\$222.74	\$361.34
WS-C1924C-A	24 Port 10Mb Switch 1/1 100Base TX, 1 10	Catalyst 1900 Series	\$224.98	\$287.97	\$202.48	\$328.47
WS-C1924C-EN	24 PORT 10MB SWITCH 1 100 TX 1 100 FX	Catalyst 1900 Series	\$294.97	\$377.56	\$265.47	\$430.66
WS-C1924C-EN-5PACK	5 PACK 24 port 10MB switches w/1 100BTX	Catalyst 1900 Series	\$1,009.99	\$1,292.79	\$908.99	\$1,474.59
WS-C1924-EN	24 PORT 10MB SWITCH 2 100BASETX PORTS	Catalyst 1900 Series	\$324.51	\$415.37	\$292.06	\$473.78
WS-C1924-EN-	5 PACK-24 port 10MB Switches	Catalyst 1900	\$1,009.99	\$1,292.79	\$908.99	\$1,474.59



5PACK	w/2 100BTX	Series				
WS-C1924-EN-DC	Cat 1900 Enter. Ed., 24 10BT, 2 TX, DC	Catalyst 1900 Series	\$294.97	\$377.56	\$265.47	\$430.66
WS-C1924F-A	Catalyst 1900 Std Edition with 24 10BT 2	Catalyst 1900 Series	\$295.00	\$377.60	\$265.50	\$430.70
WS-C1924F-EN	Catalyst 1900 Ent Edition with 24 10BT 2	Catalyst 1900 Series	\$295.00	\$377.60	\$265.50	\$430.70
WS-C2822	12 Port 10BaseT Switch w/2 100 BaseTX	Catalyst 1900 Series	\$149.99	\$191.99	\$134.99	\$218.99
DOC-CAT2000MIB=	CATALYST 2000 MIB REFERENCE GUIDE	Catalyst 2100 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-C2100!	SFTWR SPPRT CISCO WS-C2100 MTCE	Catalyst 2100 Series	\$499.98	\$639.97	\$449.98	\$729.97
SSP-WS-C280X!	SFTWR SPPRT CISCO WS-C280X MTCE	Catalyst 2800 Series	\$600.00	\$768.00	\$540.00	\$876.00
SSP-WS-C282X!	SFTWR SPPRT CISCO WS-C282X	Catalyst 2800 Series	\$180.01	\$230.41	\$162.01	\$262.81
WS-C2822-A	24 Port Mod 10Mb Switch, 2 slots, 2K MAC	Catalyst 2800 Series	\$225.01	\$288.01	\$202.51	\$328.51
WS-C2822-EN	24 Port Mod 10Mb switch 2 slot/2K MAC/ISL	Catalyst 2800 Series	\$295.00	\$377.60	\$265.50	\$430.70
WS-C2828-A	24 Port Mod 10Mb Switch 2 slots, 8K MAC	Catalyst 2800 Series	\$225.01	\$288.01	\$202.51	\$328.51
WS-C2828-EN	24 Port Modular 10Mb Switch 2 Slots 8K M	Catalyst 2800 Series	\$295.00	\$377.60	\$265.50	\$430.70
WS-X2811	1-PORT 100BASETX MODULE FOR CATALYST 280	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2818	8-PORT 100BASETX MODULE FOR CATALYST 280	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2821	1-PORT 100BASEFX MODULE FOR CATALYST 280	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2824	4-PORT 100BASEFX MODULE FOR CATALYST 280	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2831	FDDI UTP SAS (CDDI) MODULE FOR CATALYST	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2841	FDDI FIBER SAS MODULE FOR CATALYST 2800	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2842	FDDI FIBER DAS MODULE FOR CATALYST 2800	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2851	ATM 155 UTP Module for Catalyst 2820 Sys	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2861	ATM MULTIMODE FIBER MODULE FOR 2820	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2871	ATM 155 SMF MODULE FOR CAT 2820	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00



WS-X2872	ATM 155 SMF (LONGRANGE) MOD FOR CAT2820	Catalyst 2800 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC- CAT2900UG=	CATALYST 2900 SERIES USER GUIDE	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-PRM-WS- C29XX!	SSP Premium for Cisco WS- C29XX	Catalyst 2900 Series	\$523.01	\$669.45	\$470.71	\$763.59
SSP-WS-C2901!	SSP - WS-C2901, 14 port FastEth. Switch	Catalyst 2900 Series	\$719.99	\$921.59	\$647.99	\$1,051.19
SSP-WS-C2902!	SSP-WS-C2902, 14 PORT FASTETH. SWITCH	Catalyst 2900 Series	\$1,029.99	\$1,318.39	\$926.99	\$1,503.79
SSP-WS-C2926!	SSP for Cat 2926	Catalyst 2900 Series	\$1,160.01	\$1,484.81	\$1,044.01	\$1,693.61
SSP-WS-C29XX!	SSP FOR 2908XL-2924XL	Catalyst 2900 Series	\$320.00	\$409.60	\$288.00	\$467.20
WS-C2900-EMS- LIC	CATALYST 2900 RMON AGENT LICENSE	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C2900-XL- EXPKIT	2900 XL Expansion Kit	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C2900-XL- EXPKT	4 Fast EtherChannel cables Application N	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C2900-XL- STK48	StackPack-48 desktop port version	Catalyst 2900 Series	\$1,227.00	\$1,570.56	\$1,104.30	\$1,791.42
WS-C2900-XL- STK96	StackPack-96 Desktop Port version	Catalyst 2900 Series	\$2,044.98	\$2,617.57	\$1,840.48	\$2,985.67
WS-C2901	14 PORT 10/100 FAST ETHERNET SWITCH UTP	Catalyst 2900 Series	\$899.91	\$1,151.88	\$809.92	\$1,313.87
WS-C2902	14 PORT FAST ETHERNET SWITCH, MM FIBER,	Catalyst 2900 Series	\$1,279.87	\$1,638.23	\$1,151.88	\$1,868.61
WS-C2908-XL	8-PORT 10/100 AUTOSENSING FAST E. SWI_X	Catalyst 2900 Series	\$408.96	\$523.47	\$368.06	\$597.08
WS-C2916M-XL	16-PORT 10/100 FE SWITCH W/2 UPLNK SLOTS	Catalyst 2900 Series	\$408.96	\$523.47	\$368.06	\$597.08
WS-C2916M-XL- 5PACK	5 PACK - 16 port 10/100BTX auto- s switch	Catalyst 2900 Series	\$1,498.00	\$1,917.44	\$1,348.20	\$2,187.08
WS-C2924C-XL	Cat2900 22-port 10/100 FE Switch w/2 FX	Catalyst 2900 Series	\$408.99	\$523.51	\$368.09	\$597.13
WS-C2924C-XL- 5PACK	5 PACK - 24 port 10/100 Switch	Catalyst 2900 Series	\$1,498.00	\$1,917.44	\$1,348.20	\$2,187.08
WS-C2924-XL	Cat 2900 switch 24-port 100BaseTX	Catalyst 2900 Series	\$408.99	\$523.51	\$368.09	\$597.13
WS-C2924-XL- 5PACK	5 PACK - CAT2900 24port 10BTX auto sense	Catalyst 2900 Series	\$1,498.00	\$1,917.44	\$1,348.20	\$2,187.08
WS-C2926-EMS- LIC	Catalyst 2926 RMON License	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C2926F	Fixed 24 Port 10/100 & 2-	Catalyst 2900	\$1,450.01	\$1,856.01	\$1,305.01	\$2,117.01



	100BaseFX	Series				
WS-C2926GS	Cat2926 Fixed Switch w/ NetFlow24-10/100	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C2926T	Fixed 24 Port 10/100 & 2- 100Base-TX	Catalyst 2900 Series	\$1,450.01	\$1,856.01	\$1,305.01	\$2,117.01
WS-C2948G	CAT2948G SWITCH, 48 10/100TX(RJ45)+21000X	Catalyst 2900 Series	\$905.64	\$1,159.22	\$815.08	\$1,322.23
WS-C2948G-EMS- LIC	Catalyst 2948G RMON Agent License	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2914-XL	4-PORT 10/100 FE SWTCH MOD/CAT 2916M XL	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2922-XL	2-PORT 100bFX SW MOD/CAT 2916M XL	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2948G- RACK=	Catalyst 2948G Rack Mount Kit (spare)	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X2971-XL	SM Fiber 15 KM for 2916	Catalyst 2900 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-EXP-WS- C3920!	Software Support for Catalyst 3920	Catalyst 3000 Series	\$694.99	\$889.59	\$625.49	\$1,014.69
SSP-PRM-WS- C30XX!	Premium SSP WS-C30XX!	Catalyst 3000 Series	\$805.59	\$1,031.16	\$725.03	\$1,176.16
SSP-PRM-WS- C3900!	WS-C3900 Series Catalyst	Catalyst 3000 Series	\$1,502.85	\$1,923.65	\$1,352.57	\$2,194.16
SSP-PRM-WS- C3920!	Software Support for Catalyst 3920	Catalyst 3000 Series	\$766.98	\$981.73	\$690.28	\$1,119.79
SSP-WS-C216T!	Software Support MTCE for WS- C216T	Catalyst 3000 Series	\$199.98	\$255.97	\$179.98	\$291.97
SSP-WS-C316TC!	Sftwr Support FastHub 300+ Series Mtce	Catalyst 3000 Series	\$224.98	\$287.97	\$202.48	\$328.47
SSP-WS-C31XX!	Software Support for Cat 31XX family_X	Catalyst 3000 Series	\$500.01	\$640.01	\$450.01	\$730.01
SSP-WS-C3200!	Sftwr Spprt Cisco WS-C3200	Catalyst 3000 Series	\$699.99	\$895.99	\$629.99	\$1,021.99
SSP-WS-C3900!	Sftwr Support Catalyst 3900	Catalyst 3000 Series	\$881.00	\$1,127.68	\$792.90	\$1,286.26
WS-C3000-EMS- LIC	Catalyst 3000 RMON Agent License	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3016B	16PRT CAT3000 SWTCH 10000/VLAN/FULL DUP/	Catalyst 3000 Series	\$692.99	\$887.03	\$623.69	\$1,011.77
WS-C3017	WS-C3016 TO WS-C3016A UPGRADE/ENH SFTWR	Catalyst 3000 Series	\$692.99	\$887.03	\$623.69	\$1,011.77
WS-C3020	CATALYST MATRIX	Catalyst 3000 Series	\$630.00	\$806.40	\$567.00	\$919.80
WS-C3100B	24 Port Cat 3100 Switch 8MB 10K Add Flex	Catalyst 3000 Series	\$625.00	\$800.00	\$562.50	\$912.50



WS-C3100-EMS-LIC	Catalyst 3100 RMON Agent License	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3200B	Cat3200 Swtch Chas+Suprvs 8MB RMON EN SW	Catalyst 3000 Series	\$875.00	\$1,120.00	\$787.50	\$1,277.50
WS-C3200-EMS-LIC	Catalyst 3200 RMON Agent License	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900	20-PORT TOKEN RING SWITCH	Catalyst 3000 Series	\$1,174.00	\$1,502.72	\$1,056.60	\$1,714.04
WS-C3900-2ISL	2 port copper ISL feature mod.-CAT 3900	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900-2ISL=	2 port copper ISL feature mod.-CAT 3900	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900-2ISLF	2 port fiber ISL feature mod.-CAT 3900	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900-2ISLF=	2 port fiber ISL feature Mod.-CAT 3900	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900-4R	4 Port Token Ring Feature Card (UTP/STP,	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900-4RF	4 PORT FIBER TR FEATURE CARD (MMF,ST)	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900-ATMSC	1 Port 155 Mbps ATM Feature Card (MMF,SC	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900-EMS-LIC	RMON AGENT LICENSE	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3900-STACK	STACK PORT MODULE	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C3920	Cat 3920 24-Port Token Ring Switch	Catalyst 3000 Series	\$600.00	\$768.00	\$540.00	\$876.00
WS-X3001	1 PORT 100BASETX INTERFACE MOD RJ-45 CON	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3002	4-PORT UTP MOD 4-10BT PORTS	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3003	3-PORT 10BASEF MODULE	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3004	CATALYST 3000 STACK PORT MODULE	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3005	1-PORT 100BASEF MOD	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3006A	1 Port ATM Module, 155 Mbps	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3006B=	1-port ATM Module, SMF 155MBPS for Catal	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3008	2-Port 100VG-T Mod, UTP, RJ-45 Connector	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3009	2-Port 100Base F/ISL Mod MM	Catalyst 3000	\$0.00	\$0.00	\$0.00	\$0.00



	Fbr SC Cnctr	Series				
WS-X3010	2-Port 100Base-T/ISL Mod, UTP, RJ45 Cnct	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3011	Cat 3000 dual serial/ISDN router module	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3011=	Cat3000 Dual Serial/ISDN-BRI WAN Rtr Mod	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3021	CATALYST MATRIX REDUNDANT COMPONENT	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3116	16-Port 100BaseTX Repeater Module	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X3200B=	(SPR)CAT3200 Swtch Chas Dual PS w/o Sup	Catalyst 3000 Series	\$894.52	\$1,144.99	\$805.07	\$1,306.00
WS-X3200S=	(SPR)Cat3200 Suprv Only no Fixed ports	Catalyst 3000 Series	\$894.52	\$1,144.99	\$805.07	\$1,306.00
WS-X3428	Catalyst 3016 Memory Upgrade to 8MB	Catalyst 3000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-C4003!	SOFTWARE SUPPORT FOR WS-C4003 SWITCH	Catalyst 4000 Series	\$1,446.98	\$1,852.13	\$1,302.28	\$2,112.59
WS-C4003=	Catalyst 4000 Chassis (3-Slot)Single AC	Catalyst 4000 Series	\$1,808.00	\$2,314.24	\$1,627.20	\$2,639.68
WS-C4003-S1	Cat4000 Chassis(3-slot) Supervisor1 AC P	Catalyst 4000 Series	\$1,808.00	\$2,314.24	\$1,627.20	\$2,639.68
WS-X4004=	Catalyst 4000 Fan Tray (Spare)	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X4008/2	Catalyst 4000 Dual AC Power Supply Optio	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X4008=	Catalyst 4000 AC Power Supply (Spare)	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X4012=	Catalyst 4000 Supervsr. IConsole(DB-25)&	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X4099=	Catalyst 4000 Rack Mount Kit (Spare)	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X4148-RJ	Catalyst 4000 10/100 Auto Module 48-Port	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X4232-GB-RJ	Catalyst 4000 E/FE/GE Module2-GE(GBIC)3	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X4306-GB	Catalyst 4000 Gigabit Ethernet Module 6-	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X4418-GB	Catalyst 4000 GE Module Server Switching	Catalyst 4000 Series	\$0.00	\$0.00	\$0.00	\$0.00
AP-C5002S	Spare AccessPath Cat 5002 External Switc	Catalyst 5000 Series	\$1,829.00	\$2,341.12	\$1,646.10	\$2,670.34
CAB-GELX-625=	Gigbit Ethernet MM Conditioning Cable	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00



CAB-RSM2CON=	RSM Console Cable (spare)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
CAB-S3-CONSOLE	Supervisor Engine III Console Cable Kit	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
CWE+C-NT-COMB1	Resource Mgr Ess. bundled w/ CWSI Campus	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC-5000HIM2=	CATALYST 5000 HRDWR I&M	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC-CAT5000A-SCG=	Cat 5000 Series Advanced S/W Conf. Guide	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC-CAT5000-CR=	Cat 5000 Series Command Reference	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC-CAT5000-EMRG=	CAT 5000 Switches Error Msg/Recov. Guide	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC-CAT5000-IG=	CAT 5000 Installation Guide	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC-CAT5000MIBQR=	Cat5000 Swtchs Wrkgrp MIB User Quick Ref	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
DOC-CAT5000-MM=	Cat 5000 Series Module Manual	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
FR-IRC5	RSM InterDomain Routing License	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
FR-NFC5=	C5000 RSM Netflow License (spare)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-C5K-16M=	Catalyst 5000 16MB SIMM	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-C5K-16M-CUSTOM=	Catalyst 5000 16MB Custom SIMM	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-128M	RSM 128 MB DRAM Option	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-128M=	RSM 128MB DRAM Upgrade Kit	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-2-FLC20M	RSM Flash Credit Card, 2nd Slot: 20MB	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-32M	RSM 32 MB DRAM Option	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-64M	RSM 64 MB DRAM Option	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-64M=	RSM 64MB DRAM Upgrade Kit	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-FLC16M	RSM Flash Credit Card: 16MB	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-FLC16M=	RSM Flash Credit Card: 16 MB Kit	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-RSM-	RSM Flash Credit Card: 20 MB	Catalyst 5000	\$0.00	\$0.00	\$0.00	\$0.00



FLC20M	Option	Series				
MEM-RSM-FLC20M=	RSM Flash Credit Card: 20 MB Kit	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-S3-FLC16M	SUP III PCMCIA FLASH MEM CARD 16MB OPT	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-S3-FLC20M	SUP III PCMCIA FLASH MEM CARD 20MB OPT	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
MEM-S3-FLC8M	SUP III PCMCIA FLASH MEM CARD 8MB OPTION	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
RSM-128M-UPGD	RSM DRAM Upgrade to 128M	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
RSM-64M-UPGD	RSM DRAM Upgrade to 64M	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5A-11.3.5T	Cisco IOS C5RSM Enterprise /IBM with VIP	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5AN-11.3.5T	Cisco IOS C5RSM Enterprise/IBM APPNw/VIP	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5AV-11.2.11P	CISCO IOS CAT 5K RSM ENTERPRISE W/VIP	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5B-11.2.X	Cat 5000 IOS Desktop Feature Set	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5B-11.3.2W	Cisco IOS Cat5000 RSM Ser. IPX/AT/Decnet	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5B-11.3.5T	C i s c o I O S C 5 R S M IP/IPX/AT/DECNET/IBM wit	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5BV-11.2.11P	CAT 5K RSM IP/IPX/AT/DEC W/VIP	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5BV-11.3.2W	IOS Cat RSM Series Desktop/IBM	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5C-11.2.7P	Cisco Catalyst 5000 IOS IP Only Feature	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5C-11.3.5T	Cisco IOS C5RSM IP with VIP Feature Set	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5CV-11.2.X	Cicso IOS Catalyst 5000 RSM IP w/VIP	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5CV-11.3.2W	CISCO IOS CAT5000 RSM IP W/ VIP FEAT SET	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-ATM-3.2.4	Cat5000 ATM LANE Mod SW 3.2.4	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-ATM-3.2.6	ATM LANE MODULE SOFTWARE IMAGE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-ATM-3.2.7	Cat5000 ATM Lane Mod Software Img 3.2.7	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-ATMPV-51.1	PVC TRAFFIC SHAPING IMAGE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00



SFC5KFDDI-2.1.X	Software image for Cat 5000 sup card	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-FDDI-3.1.1	CAT 5K FDDI SOFTWARE IMAGE 3.1.1	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-GEM-4.2.1	CAT5000 GIGABIT ETHERNET MODULE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5KSUP-2.3.X	Software image for sup card	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-SUP-2.4.3	Catalyst 5000 Supervisor Software Image	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-SUP-3.2.X	Cat5000 Sup 1&2 Flash Image, Rel 3.2	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-SUP3-3.1.X	CAT 5K SUP. III SYSTEM CODE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-SUP3-3.2.X	Cat5000 Supervisor3 Flash Image 3.2	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-SUP3-4.1.1	CAT5000 SUP3 Flash Image Rel 4.1.1	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-SUP3-4.2.1	Catalyst 5000 Sup3 Flash Image Rel 4.2	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-SUP3-4.3.1	Cat5000 SupIII Flash Image Rel 4.3.1	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-TR-3.1.X	CAT 5K SWITCHING MODULE SOFTWARE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SFC5K-TR-3.2.X	Cat5000 TR Switching Module Soft Flash	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-EXP-WS-C5500!	SSP Express for Cisco WS-C5500!	Catalyst 5000 Series	\$7,249.97	\$9,279.96	\$6,524.97	\$10,584.96
SSP-EXP-WS-C5509!	Express Software Support For CAT 5509	Catalyst 5000 Series	\$5,800.00	\$7,424.00	\$5,220.00	\$8,468.00
SSP-PRM-WS-C5001!	Premium SSP WS-C500X!	Catalyst 5000 Series	\$3,200.01	\$4,096.01	\$2,880.01	\$4,672.01
SSP-PRM-WS-C5500!	SSP Premium for Cisco WS-C5500.	Catalyst 5000 Series	\$7,999.99	\$10,239.99	\$7,199.99	\$11,679.99
SSP-PRM-WS-C5508	Premium Software Support for WS-C5508	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-PRM-WS-C5509!	ssp premium for cat 5509	Catalyst 5000 Series	\$6,400.00	\$8,192.00	\$5,760.00	\$9,344.00
SSP-PRM-WS-X5010!	SSP Premium for Cisco WS-X5010	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-PRM-WS-X5011!	Premium SSP WS-X5011!	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-PRM-WS-X5225R	SSP Premium Mtce for WS-X5225R	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-PRM-WS-	Premium Software Support for	Catalyst 5000	\$0.00	\$0.00	\$0.00	\$0.00



X5509	WS-X5509	Series				
SSP-WS-C5001!	SFTWR SPPRT CISCO WS-C5000 MTCE	Catalyst 5000 Series	\$1,999.80	\$2,559.74	\$1,799.82	\$2,919.71
SSP-WS-C5002!	Sftwr Support Catalyst 5002 Mtce	Catalyst 5000 Series	\$950.00	\$1,216.00	\$855.00	\$1,387.00
SSP-WS-C5500!	Sftwr Support Catalyst 5500 Mtce	Catalyst 5000 Series	\$4,999.98	\$6,399.97	\$4,499.98	\$7,299.97
SSP-WS-C5505!	Sftwr Support Cat5505 5 slot chas/3.6Gb	Catalyst 5000 Series	\$2,000.01	\$2,560.01	\$1,800.01	\$2,920.01
SSP-WS-C5509!	Software Support Program - CAT5509	Catalyst 5000 Series	\$3,999.99	\$5,119.99	\$3,599.99	\$5,839.99
SSP-WS-X5224!	Software Support Mtce for WS-X5224	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-X5302!	SSP for Rte Swtch Mod for Cat 5000/5500	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-X5304!	Sftwr Support WS-X530-40/15 Cat.5 RSM	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SWC5A-11.3.5T=	Cisco IOS C5RSM Enterprise/IBM with VIP	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SWC5AN-11.3.5T=	C i s c o I O S C 5 R S M Enterprise/IBM/APPN with	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SWC5B-11.3.5T=	C i s c o I O S C 5 R S M IP/IPX/AT/DECNET/IBM wit	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SWC5C-11.3.5T=	Cisco IOS C5RSM IP with VIP Feature Set	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SWC5K-BEFS-4X	Cat 5K Rel. 4.x SW Lic., Enhanced Feat.	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SWC5K-BEFS-4X=	CAT5000 4.X SWLic., Enhanced FS (spare)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SWC5K-BEFS-4X-UG	CAT5000 4.X SW Lic., Enhanced FS (upgrd)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
SWC5K-GEM-4.2.1	CAT5000 GIGABIT ETHERNET MODULE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5000	CATALYST 5000 CHASSIS	Catalyst 5000 Series	\$2,499.75	\$3,199.68	\$2,249.78	\$3,649.64
WS-C5000=	CATALYST 5000 SPARE CHASSIS	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5000-HDF	5000,ps,sup-2(fx),24pt 10/100 bundle	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5000-HDT	5000,ps,sup-2(tx),24-pt 10/100 bundle	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5000-WCFX	Bundle-Chassis/1-Pwr/Fiber Sup II card	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5000-WCTX	Bundle-Chassis/1-Pwr/Copper Sup II card	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99



WS-C5002	Catalyst 5002 Chassis	Catalyst 5000 Series	\$1,189.88	\$1,523.05	\$1,070.89	\$1,737.22
WS-C5002=	(SPR)Catalyst 5002 Chassis	Catalyst 5000 Series	\$1,190.00	\$1,523.20	\$1,071.00	\$1,737.40
WS-C5002-AC	Catalyst 5002 AC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5002-DC	Catalyst 5002 Chassis (with built-in dua	Catalyst 5000 Series	\$1,190.00	\$1,523.20	\$1,071.00	\$1,737.40
WS-C5002-EMS-LIC	Catalyst 5002 RMON License	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5007=	Catalyst 5000 5 Slot Chassis w/One Power	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5008B	Catalyst 5505 AC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5008B/2	Catalyst 5505 Second AC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5008B=	(spare)Catalyst 5505 AC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5068	Catalyst 5000 Single DC Pwr Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5068/2	Cat5000 Add'l Redundant DC Pwr Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5097=	cat 5k family center rack mount kit	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5099=	Catalyst 5000 Rack Mount Kit (spare)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5500	Catalyst 5500 Chassis	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500=	(Spr)Catalyst 5500 Chassis	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-E1-GESX	C a t 5 5 0 0 b n d l e : o n e WSC5500;1ACpwr;1SupIII	Catalyst 5000 Series	\$6,249.98	\$7,999.97	\$5,624.98	\$9,124.97
WS-C5500-EMS-LIC	Catalyst 5500 RMON License	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5500-HDF	5500,ps,sup-2,24 pt 10/100 bundle	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-HDT	5500,PS,Sup-2(TX),24pt 10/100 mod bundle	Catalyst 5000 Series	\$5,250.00	\$6,720.00	\$4,725.00	\$7,665.00
WS-C5500-S3	CAT5500 BNDL w/AC pwr,SUPIII w/NFFC	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-S3-85FX	CAT5500 Bndl w/C8510-SRP, C85FE-8F-16K	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-S3-85TX	ACT5500 Bndl w/C8510-SRP, C85FE-8T-16K	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-S3FX	CAT 55K BUNDL W/SUPIII, 2	Catalyst 5000	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01



	PRT.100BASEFX	Series				
WS-C5500-S3-HD	Cat5500 BNDL w/AC PWR,WS-X5224, SUP III	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-S3-HDF	CAT 55K BNDL W/SIII, 2PRT 100, 24 10-100	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-S3-HDT	CAT5500,P/S,SUPIII,2-100TX,24 10/100	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-S3TX	CAT 55K, P/S, SUPIII, 2-100TX UPLNK	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-WCFX	Bundle-Chassis/1-Pwr/Fiber Sup II Card	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5500-WCTX	Bundle-Chassis/1-Pwr/Copper Sup II card	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5504=	Cat 5500 Fan Tray Spare	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5505	Catalyst 5505 Chassis With 5 Slots And 3	Catalyst 5000 Series	\$2,499.75	\$3,199.68	\$2,249.78	\$3,649.64
WS-C5505=	CAT5500 Backplane Clock Module-Spare	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5505-CHAC=	CAT5505 Chassis w/Single Pwr Supply	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5505-EMS-LIC	Catalyst 5505 RMON Agent License	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5505-HDF	Bndl-Chas FX-MMF Sup Eng 24 prt 10/100 D	Catalyst 5000 Series	\$5,249.99	\$6,719.99	\$4,724.99	\$7,664.99
WS-C5505-HDT	5505 bundle:chassis,ps,sup,WS-X5224 (TX)	Catalyst 5000 Series	\$5,249.99	\$6,719.99	\$4,724.99	\$7,664.99
WS-C5505-S3	CAT5505 BNDL w/AC pwr, SUP3 w/NFFC	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5505-S3-48	Catalyst 5505 Bundle	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5505-S3FX	CAT 5505, P/S, SUPIII, 2-100FX UPLNK	Catalyst 5000 Series	\$2,500.02	\$3,200.03	\$2,250.02	\$3,650.03
WS-C5505-S3-HD	Cat5505 BNDL w/AC pwr, SUPIII, WS-X5224	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5505-S3-HDF	CAT5505,P/S,SUPIII,2-100FX,24 10/100	Catalyst 5000 Series	\$2,500.02	\$3,200.03	\$2,250.02	\$3,650.03
WS-C5505-S3-HDT	CAT5505,P/S,SUPIII,2-100TX,24 10/100	Catalyst 5000 Series	\$2,500.02	\$3,200.03	\$2,250.02	\$3,650.03
WS-C5505-S3TX	CAT 5505, P/S, SUPIII, 2-100TX UPLNK	Catalyst 5000 Series	\$2,500.02	\$3,200.03	\$2,250.02	\$3,650.03
WS-C5505-WCFX	Bundle-Chassis AC Pwr FX-MMF Sup Eng II	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99
WS-C5505-WCTX	5505 bundle, chassis, ps, sup eng. II-TX	Catalyst 5000 Series	\$2,499.99	\$3,199.99	\$2,249.99	\$3,649.99



WS-C5507=	CAT5500 Chassis w/ single AC Pwr Supply	Catalyst 5000 Series	\$6,250.01	\$8,000.01	\$5,625.01	\$9,125.01
WS-C5508	Cat5500 AC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5508/2	Cat5500 Second AC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5508=	(Spr)Cat5500 AC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5509	Cat 5509 Chassis	Catalyst 5000 Series	\$4,999.98	\$6,399.97	\$4,499.98	\$7,299.97
WS-C5509-EMS-LIC	Catalyst 5509 RMON Agent License	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5509-FAN=	Catalyst 5509 Fan Tray (spare)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5509-HDF	CAT5509 BNDL-chassis,ac pwr,WS-X5224,SUP	Catalyst 5000 Series	\$5,000.02	\$6,400.03	\$4,500.02	\$7,300.03
WS-C5509-HDT	CAT5509 BNDL-chassis,pwr,WS-X5224,SupII	Catalyst 5000 Series	\$5,000.02	\$6,400.03	\$4,500.02	\$7,300.03
WS-C5509-RACK=	Catalyst 5509 Rack Mount Kit and Cable O	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5509-S3	c a t 5509,chassis,pwr,supIIInffc,no uplnk	Catalyst 5000 Series	\$5,000.02	\$6,400.03	\$4,500.02	\$7,300.03
WS-C5509-S3-HD	CAT 5509 BNDL-WS-C5509,AC Pwr,WS-X5224,	Catalyst 5000 Series	\$5,000.02	\$6,400.03	\$4,500.02	\$7,300.03
WS-C5509-WCFX	CAT5509 Bndl - chassis, pwr, SUP II FX	Catalyst 5000 Series	\$5,000.02	\$6,400.03	\$4,500.02	\$7,300.03
WS-C5509-WCTX	Cat 5509 bundle,chassis,pwr,sup II TX	Catalyst 5000 Series	\$5,000.02	\$6,400.03	\$4,500.02	\$7,300.03
WS-C5514-CL=	Catalyst 5505/5509 Backplane Clock Modul	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5518	cat 5509 ac power supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5518/2	CAT 5509 2nd AC power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5568	Cat5500 DC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5568/2	Catalyst 5500 Second DC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5568=	(Spr) Catalyst 5500 DC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5598	Catalyst 5509 DC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5598/2	Catalyst 5509 second DC Power Supply	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00



WS-C5599	Rack Mount Kit & Cbl Organizer Cat5500	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C5K-EMS-LIC	CATALST 5000 EMBEDDED RMON AGENT	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-CAB01ST	1 Meter ST Cable For Cat 5000 Fiber TR S	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-CAB03ST	3 Meter ST Cable For Cat 5000 Fiber TR S	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-CAB08ST	8 Meter ST Cable For Cat 5000 Fiber TR S	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-F5521=	Supervisor III NetFlow Feature Card (spa	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-G5484	1000BASE-SX Short Wavelngth GBIC MMonly	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-G5486	1000BASE-LX/LH	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-NFFC-FL-53- GE	SUP III w/ GE Uplink, NFFC SW LIC	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-NFFC-FL-S3- FX	WS-X5530-E2,WS-U5533-FEFX- MMF,SWC5K-BEFS	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-NFFC-FL-S3- TX	WS-X5530-E2, WS-U5531- FETX,SWC5K-BEFS-4X	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5531-FETX	DUAL PORT 100BASETX UPLINE MOD./SUP. III	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5531-FETX- BU	Dual Port 100 Base TX Uplink Mod forSUP3	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5533-FEFX- MMF	DUAL PORT 100BASEFX MMF UPLNK/SUP III	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5533-FEFX- MMF=	Dual Port 100BaseFX MMF Uplink/Sup III	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5533-FEFX- MMF-BU	Dual Port 100BaseFX MMF Uplink for Sup3	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5534-GESX	Dual Port 1000BaseSX Uplink Mod SUPIII	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5534-GESX- BU	Dual Port 1000BaseSX Uplink Mod for Sup3	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5535-FEFX- SMF	Dual Port 100BaseFX SMF Uplink for Sup3	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5535-FEFX- SMF-BU	Dual Port 100BaseFX SMF Uplink ModSup3	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5536-GELX	Dual Prt 1000Base LX Uplink Mod Sup III	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-U5536-GELX=	Dual Prt 1000BaseLX Uplnk Mod SupIII Spr	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5005=	CATALYST 5000 SPARE SUPRV	Catalyst 5000	\$0.00	\$0.00	\$0.00	\$0.00



	ENG-FX SNGL MO	Series				
WS-X5006	CATALYST 5000 SPRVISOR ENGINE-FX MLTI MO	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5006=	CATALYST 5000 SPARE SPRVSR ENG-FX MLTI M	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5009	CATALYST 5000 SUPERVISOR ENGINE-TX	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5009=	CATALYST 5000 SPARE SUPERVISOR ENGINE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5010	CATALYST 5000 ENET SWITCH MOD (10BASET, 2	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5011	CATALYST 5000 ENET SWITCH MOD (10BASEFL,	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5011=	CAT5000 ENET Swtch MOD (10BaseFL)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5012	48 port Ethernet Card for Cat 5xxx	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5012A	48 Port 10BT Desktop Ethernet Switching	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5012A- 3PACK	C5000, Swtch, 10BT, 3 WS- X5012A, 48 pt telco	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5013	Cat5000 Enet Switch Mod (10BaseT/24RJ45)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5013=	CAT5000 Enet Swtch Mod. (10BaseT/24RJ45)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5014	48-port 10BT Desktop Eth switch Mod	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5014-3PACK	3PACK-48 Port 10BT Desktop Enet Swtch Mo	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5020	CATALYST 5000 GROUP SWITCHING ENET MODUL	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5030	Cat5000 16 Port Copper TR Switch Mod	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5030=	(Spr)Cat5000 16 Port Copper TR Swtch Mod	Catalyst 5000 Series	\$1,400.01	\$1,792.01	\$1,260.01	\$2,044.01
WS-X5031	Catalyst 5000 16 Port Fiber Token Ring S	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5101	CATALYST 5000 FDDI SWITCH MOD (MULTIMODE,	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5101=	CAT 5000 FDDI SWITCH MOD (Multimode)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5103	CATALYST 5000 CDDI SWITCH MOD (CAT, 5UTP,	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5104	CATALYST 5000 FDDI SWITCH MOD (SINGLEMODE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00



WS-X5111	CATALYST 5000 100BASEFX (FIBER, SC)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5114	Cat5000 Fast Enet Swtchnng Mod 100BFX/6mu	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5114=	Cat5000 Singlemode Fast Enet Swtchnng Mod	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5156	Cat5000 ATM LANE Mod dual PHY (UTP/RJ45)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5157	Cat5000 ATM Lane Mod Dual Phy 2 SMF SC	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5158	CAT5000 ATM LANE Module Dual Phy 2	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5158=	(spr)CAT5000 ATM LANE Mod Dual Phy 2	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5161	Cat500 ATM OC-12 Dual Phy MMF Module	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5162	ATM, OC-12 SMF Dual Phy Line Card Module	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5166	Catalyst 5000 ATM DS3 Module (BNC)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5167	C5K ATM OC-3 LANE/MPOA module dual PHY (Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5168	Cat ATM OC3 Dual Fiber LANE/MPOA Mod	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5201	12-pt 100FX Fast Etherchannel	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5201=	12-Port 100 FX Fast Etherchannel	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5201R	12pt 100BaseFX bckbone sw(FEC,802.1Q/ISL)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5203	12 Port 10/100TX Fast Etherchannel	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5213A	10/100BaseTX Switching Module	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5213A=	(Spr)10/100BaseTX Switching Module	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5223	CAT5000 Group Fast Enet Switch Module	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5223-3PACK	Gr. Sw. 100BaseTX Eth 3 Pack of WS-X5223	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5224	10/100 24 Port Card	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5224-3PACK=	10/100 24 Port Card 3-pack	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5225R	24-P,10/100BaseTX Backbone	Catalyst 5000	\$0.00	\$0.00	\$0.00	\$0.00



	Switching_X	Series				
WS-X5302	Catalyst Switch Route Switch Module	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5303-15=	CAT 5000 Versatile I/F Processor	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5303-40=	Cat 5000 Versatile I/F Processor (2-40)	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5304-15	RSM W/MODEL 15 VIP II MODULE	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5304-40	RSM With VIP II Module	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5380	Catalyst 5000/5500 Network Analysis Modu	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5403	CAT5000 3-port GB Ethernet Switching_X	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5410	C5000 9 Port Gigabit Ethernet Switching	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5410=	C5000 9 Port Gigabit Ethernet Switch(SPR	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5505	Cat5002/5000/5500 Supervsr Eng II FX-SMF	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5505=	(SPR)Cat5002/5000/5500 Spvsnr Eng II FX-S	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5506	Cat5002/5000/5000 Spvsnr Eng II FX-MMF	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5506=	(Spr)Cat5002/5000/5000 Spvsnr Eng II FX-M	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5509	Cat5002/5000/5500 Spvsnr Eng II TX/MII	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5509=	(Spr)Cat5002/5000/5500 Spvsnr Eng II TX/M	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5509-BOOT=	Catalyst 5XXX Supervisor Engine II Boot	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5530-BOOT=	Catalyst 5XXX Supervisor Engine III Boot	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5530-E1	CAT 5XXX SUPR. ENG. III WO UPLINK MOD.	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5530-E1=	CAT5XXX Supvr. Eng. III w/o Uplink Mod.	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5530-E2	Cat5000 Supvr Engine III Base Mod w/NFFC	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5530-E2=	Cat 5002/5000/5505 SupIII Base Modw/NFFC	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-X5534-E1-GESX	CAT5500/5000 SERIES SUP ENGINE III FSX	Catalyst 5000 Series	\$0.00	\$0.00	\$0.00	\$0.00



AIS-INST-C8540	AIS Install for Catalyst 8540	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8510-CHAS5	Catalyst 8510 Campus Switch Router (CSR)	Catalyst 8500 Series	\$5,173.00	\$6,621.44	\$4,655.70	\$7,552.58
C8510-SRP	Cat8510 Campus Switch Rtr (CSR)switch	Catalyst 8500 Series	\$5,173.00	\$6,621.44	\$4,655.70	\$7,552.58
C8515-MSRP	Cat8510 MSR Multiservice ATM Swtch Route	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8540-CHAS13	Catalyst 8540-13 slot chassis	Catalyst 8500 Series	\$14,639.99	\$18,739.19	\$13,175.99	\$21,374.39
C8540CSR-SKIT-AC	Cat8540 Starter Kit w/AC Power Supplies	Catalyst 8500 Series	\$14,639.99	\$18,739.19	\$13,175.99	\$21,374.39
C8540-FANTRAY=	Catalyst 8540 Fan Tray (spare)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8540MSR-SKIT	Cisco 8540 Starter Kit	Catalyst 8500 Series	\$14,639.99	\$18,739.19	\$13,175.99	\$21,374.39
C8540-PWR-AC	Cat8540 Pwr Sup AC installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8540-PWR-AC/2	Cat8540 Redun Pwr Supply AC Installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8540-PWR-AC=	Cat8540 Pwr Supply AC (spare)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8540-PWR-DC	Cat8540 Pwr Supply DC installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8540-PWR-DC/2	Cat8540 Redun Pwr Supply DC installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8540-PWR-DC=	Cat8540 Pwr Supply DC (spare)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8541CSR-RP	C8540 ROUTE PROCESSOR	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8541CSR-SP	C8540 SWITCH PROCESSOR	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8545MSR-MRP3CLK	Cat8540 MSR-MRP Stratum 3 Clock	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8545MSR-MRP3CLK=	Cat8540 MSR-MRP Stratum 3 Clock (spare)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8545MSR-MRP4CLK	Cat8540 MSR Multisvc Route Proc	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8545MSR-MRP4CLK=	Cat8540 MSR Multisvc Route Proc (spare)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8546MSR-MSP	Cat8540 MSR Multisvc ATM Swtch Proc	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C8546MSR-MSP=	Cat8540 MSR Multisvc ATM Swtch Proc (spa	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-16F-16K	16 PORT 100-FX-SC	Catalyst 8500	\$0.00	\$0.00	\$0.00	\$0.00



		Series				
C85FE-16T-16K	16 PORT 10/100 RJ45	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-8F-16K	Catalyst 85XX 8-Port 100-FX-SC (16K) -	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-8F-16K=	Catalyst 85XX 8-Port 100-FX-SC (16K) -	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-8F-64K	Catalyst 85XX 8-Port 100-FX-SC (64K) -	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-8F-64K=	Catalyst 85XX 8-Port 100-FX-SC (64K) -	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-8T-16K	Catalyst 85XX 8-Port 10/100-RJ45 (16K)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-8T-16K=	Catalyst 85XX 8-Port 10/100-RJ45 (16K)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-8T-64K	Catalyst 85XX 8-Port 10/100-RJ45 (64K)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85FE-8T-64K=	Catalyst 85XX 8-Port 10/100-RJ45 (64K)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85GE-1X-16K	Catalyst 85XX 1port GE(16K) Installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85GE-1X-64K	Catalyst 85XX 1port GE (64K) installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85GE-2F-16K	2 PORT GE (16K)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-16F-OC3MM	Cat8540 MSR 18 port OC3 MMF installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-16F-OC3MM=	(spare)Cat8540 MSR 18 port OC3 MMF	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-1DS3-FRBNC	1-port Channelized DS3 Frame Relay PAM i	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-1DS3-FRBNC=	(spr)1-port Channelized DS3 Frame Relay	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-1F-OC48SS	Cat8540 MSR 1 port OC48 SMF installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-1F-OC48SS=	(spr)Cat8540 MSR 1 port OC48 SMF	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-4E1-FRRJ48	4-port E1 Frame Relay/FUNI PAM installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-4E1-FRRJ48=	(spr)4-port E1 Frame-Relay/FUNI PAM	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-4F-OC12MM	Cat8540 MSR 4 port OC12 MMF installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-4F-OC12MM=	(spr)Cat8540 MSR 4 port OC12 MMF	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00



C85MS-SCAM-2P	Cat8540 MSR SuperCam ATM (L1010 PAMs)	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
C85MS-SCAM-2P=	(spr)Cat8540 MSR SuperCam ATM L1010 PAMs	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
CAB-MTRJ-SC-MM-1M	MT-RJ MM TO SC DUPLEX MULTIMODE-1 METER	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
CAB-MTRJ-SC-MM-3M	MT-RJ MM TO SC DUPLEX MULTIMODE-3 METER	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
CAB-MTRJ-SC-MM-5M	MT-RJ MM TO SC DUPLEX MULTIMODE-5 METER	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
CAB-MTRJ-ST-MM-1M	MT-RJ MM TO ST DUPLEX MULTIMODE-1 METER	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
CAB-MTRJ-ST-MM-3M	MT-RJ MM TO ST DUPLEX MULTIMODE-3 METER	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
CAB-MTRJ-ST-MM-5M	MT-RJ MM TO ST DUPLEX MULTIMODE-5 METER	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
FR-8510CSR-IPX	Cat8510 IPX Feature Set License 12.0T	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
FR-8540CSR-IPX	IPX SW FEATURE LICENSE	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
FR-8540MSR-HPNNI	Cat8540MSR Hierarchial PNNI Lic	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
FR-8540-MSR-TAGSW	Cat8540MSR Tag Switching Lic	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
FR-8540MSR-THPNNI	Cat8540MSR Hierarchial PNNI/Tag Swtch	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SRF-8540CSR1-1	Catalyst 8540 Base Software (IP and Brid	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SRF-8540-CSR1-1	IP AND BRIDGING SW	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SRF-8540MSR1-1	Cat8540 IISP PNNI Feature Set-installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SRF-8540-MSR1-2	Cat8540 IISP PNNI Feature Set-installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SRF-8540-MSR1-3	Cat8540 IISP PNNI Feature Set-installed	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SRW-8540MSR1-1=	(spr)Cat8540 IISP PNNI Feature Set	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SRW-8540MSR1-2=	(spr)Cat8540 IISP PNNI Feature Set	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SRW-8540-MSR1-3=	(spr)Cat8540 IISP PNNI Feature Set	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
SSP-C8540!	Software Support for C8540!	Catalyst 8500 Series	\$11,711.98	\$14,991.33	\$10,540.78	\$17,099.49
SSP-EXP-C8540!	Software Support Express for	Catalyst 8500	\$16,982.00	\$21,736.96	\$15,283.80	\$24,793.72



	C8540!	Series				
SSP-PRM-C8540!	Software Support Premium for C8540!	Catalyst 8500 Series	\$18,738.97	\$23,985.88	\$16,865.07	\$27,358.90
UPG-MSR-MRP-3CLK	Cat8540 MSR-MRP Stratum 3 Clock Upgrd	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
WAI-OC3-4SSLR	OC3 Fiber Long Range PAM	Catalyst 8500 Series	\$0.00	\$0.00	\$0.00	\$0.00
WS-C104	FASTHUB 104T (4 PORT 100TX, UNMANAGED)	FastHub	\$124.99	\$159.99	\$112.49	\$182.49
WS-C108	FASTHUB 108T (8 PORT 100TX, UNMANAGED)	FastHub	\$124.99	\$159.99	\$112.49	\$182.49
WS-C112T	FAST HUB 10/100	FastHub	\$350.00	\$448.00	\$315.00	\$511.00
WS-C124T	FAST HUB 124T 10/100	FastHub	\$140.02	\$179.23	\$126.02	\$204.43
WS-C216T	16-PORT 100BASET REPEATER	FastHub	\$249.97	\$319.96	\$224.97	\$364.96
WS-C316-BMM-C	BRIDGE MANAGEMENT MODULE 100 BASE FX	FastHub	\$0.00	\$0.00	\$0.00	\$0.00
WS-C316-BMM-T	BRIDGE MANAGEMENT MODULE 100 BASE TX	FastHub	\$0.00	\$0.00	\$0.00	\$0.00
WS-C316C	16-Port 100BaseTX/100BaseFX Repeater	FastHub	\$281.00	\$359.68	\$252.90	\$410.26
WS-C316-CAB-EXP	Hub Interconnection Cable	FastHub	\$0.00	\$0.00	\$0.00	\$0.00
WS-C316-NMM	Network Management Module Fas Hub 300	FastHub	\$0.00	\$0.00	\$0.00	\$0.00
WS-C316T	16-Port 100BaseTX Repeater Base Unit	FastHub	\$281.00	\$359.68	\$252.90	\$410.26
CAB-2V35FC	Cable for IGX-UFM-U 2 Port V35 Cable (Fe	IGX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-2V35MT	Cable for IGX-UFM-U 2 Port V35 Cable (Ma	IGX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-590071=	IGX/AlIIPX16/32 Power Cord w/CEI 23-16/V	IGX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-590072=	IGX/AlIIPX16/32 Power Cord w/CEE 7/7 plu	IGX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-590073=	IGX/AlIIPX16/32 Power Cord w/AS3112 plug	IGX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-590074=	IGX/AlIIPX 16/32 Power Cord w/BS 1363 pl	IGX	\$0.00	\$0.00	\$0.00	\$0.00
CAB-590076=	IGX/AlIIPX16/32 Pwr Cd w/NEMA L6-20 Twis	IGX	\$0.00	\$0.00	\$0.00	\$0.00
HPOV-S.411	HP OpenView v4.11	IGX	\$0.00	\$0.00	\$0.00	\$0.00
ICARD-V11	V11/RS422/X.21 Plug in interface modules	IGX	\$0.00	\$0.00	\$0.00	\$0.00
ICARD-V28	V.24/V.28 interface module.	IGX	\$0.00	\$0.00	\$0.00	\$0.00



ICARD-V35	V35 Plug in interface modules.	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX16-AC-RM=	IGX 16 Rack Mount - AC	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX16-DC-RM=	IGX 16 Rack Mount - DC	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX32-AC-RM=	IGX 32 Rack Mount - AC	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX32-DC-RM=	IGX 32 Rack Mount - DC	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8410-AC2	DUAL AC INPUT POWER OPTION RACK FOR 8410	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8410-PS-AC	400W POWER SUPPLY MODULE FOR IGX8410	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8410-RM	IGX, 8410, RACK MOUNT, NPM- 32, SCM	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8410-RM-MSK	IGX 8410-RM Multiservice Starter Kit wit	IGX	\$3,036.00	\$3,886.08	\$2,732.40	\$4,432.56
IGX8410-RM-TT	IGX 8410 Rack Mount Non- Redundant Packag	IGX	\$3,036.00	\$3,886.08	\$2,732.40	\$4,432.56
IGX8410-SA	IGX 8410, SA, NPM-32, SCM	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8410-SA-MSK	IGX 8410-SA Multiservice Starter Kit wit	IGX	\$3,036.00	\$3,886.08	\$2,732.40	\$4,432.56
IGX8410-SA-RM- UPGD	IGX 8410 Standalone to Rack- Mount Upgrad	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8410-SA-TT	IGX 8410 Standalone Non- Redundant Packag	IGX	\$3,036.00	\$3,886.08	\$2,732.40	\$4,432.56
IGX8420-AC2-1	DUAL AC 875W PWR. SUPPLY - SINGLE AC	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8420-AC2-2	DUAL AC 875W PWR SUPPLY DUAL AC	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8420-RM	IGX 8420, RACK MNT.,NPM- 32,SCM	IGX	\$4,355.99	\$5,575.67	\$3,920.39	\$6,359.75
IGX8420-RM- CHAS=	IGX 8420 chassis includes cardcage fan t	IGX	\$4,355.99	\$5,575.67	\$3,920.39	\$6,359.75
IGX8420-SA	IGX 8420, standalone, npm-32, scm	IGX	\$4,355.99	\$5,575.67	\$3,920.39	\$6,359.75
IGX8420-SA-RM- UPGD	IGX 8420 Standalone to Rack- Mount Upgrad	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8430-AC4-2	QUAD AC875W PWR SUPP, DUAL AC (REDUNDNT)	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8430-RM	IGX8430, RACKMOUNT NPM32, SCM	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX8430-RM-AC- LC	IGX 8430 Large Carrier AC (IGX8430-RM 2x	IGX	\$5,676.01	\$7,265.29	\$5,108.41	\$8,286.97
IGX8430-RM- CHAS=	IGX 8430 chassis includes cardcage fan t	IGX	\$5,676.01	\$7,265.29	\$5,108.41	\$8,286.97
IGX8430-SA-RM- UPGD	IGX 8430 Standalone to Rack- Mount Upgrad	IGX	\$0.00	\$0.00	\$0.00	\$0.00



IGX-ALM/A	IGX ATM Line Module - Model A	IGX	\$989.99	\$1,267.19	\$890.99	\$1,445.39
IGX-ALM/B	IGX ATM Line Module - Model B	IGX	\$989.99	\$1,267.19	\$890.99	\$1,445.39
IGX-ALM/B-E3-PAIR	Two IGX-ALM/B with two BC-UA1-1E3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-ALM/B-T3-PAIR	Two IGX-ALM/B with two BC-UA1-1T3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-ARM	Alarm Relay Module	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-BTM/B	Broadband Trunk Module	IGX	\$1,100.01	\$1,408.01	\$990.01	\$1,606.01
IGX-BTM-E3-PAIR	Two IGX-BTM/B with two BC-571210A-E3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-BTM-T3-PAIR	Two IGX-BTM/B with two BC-571110A-T3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-BUS=	SCM/NPM Local (Utility) Bus	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-CABSET=	Three Power Supply cables for 1 or 2 she	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-CVM	Channelized Voice Module ADPCM for the I	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-CVM-DS0A	CVM for ADPCM Voice and DS0A Sub-Rate Da	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-CVM-E1EC	CVM ADPCM integrated E1 echo canceler fo	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-CVM-T1EC	CVM ADPCM integrated T1 echo canceler fo	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-CVM-TT	Channelized Voice Module with TDM Transp	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-FRM	Frame Relay Module for the IGX 8/16/32	IGX	\$1,173.00	\$1,501.44	\$1,055.70	\$1,712.58
IGX-FRM-2	Frame Relay Module for use with Port Con	IGX	\$1,173.00	\$1,501.44	\$1,055.70	\$1,712.58
IGX-FRM-31	Frame Relay Module-31 Channels for the I	IGX	\$1,173.00	\$1,501.44	\$1,055.70	\$1,712.58
IGX-FS-1	Frame Relay ForeSight Software License p	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-FS-UFM	Foresight License for each UFM	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-FTM	FastPAD Trunk Module	IGX	\$1,309.99	\$1,676.79	\$1,178.99	\$1,912.59
IGX-HDM	High Speed Synchronous Data Module	IGX	\$515.01	\$659.21	\$463.51	\$751.91
IGX-LCOOL=	IGX-16 or IGX-32 Lower Cooling unit	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-LDM	Low Speed Data Module	IGX	\$515.01	\$659.21	\$463.51	\$751.91
IGX-LIC-CSR	Configuration Save and Restore Software	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-LIC-MUC	Multi-User Configuration Sessions	IGX	\$0.00	\$0.00	\$0.00	\$0.00



IGX-LIC-PBS	Priority Bumping Software License for IG	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-LIC-RPS	RPS Software License for IGX 16&32	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-MR-7286=	System S/W Major Release Upgrade From An	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-MR-8207=	System Software Major Release Upgrade to	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-MR-8430=	System Software Major Release Upgrade to	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-MR-8506=	System Software Major Release Upgrade to	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-MR-8507=	System Software Major Release Upgrade to	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-MR-9102=	System Software Major Release Upgrade to	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-MR-9103=	System Software Major Release Upgrade to	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NPM-32=	Network Processor Module - 32 MB DRAM	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NPM-32-R	Redundant Network Processor Module - 32	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NPM-64	Upgrade of NPM-32 to NPM-64 When Ordered	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NPM-64=	Network Processor Module - 64 MB DRAM	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NPM-64B	IGX Network Processor Module - 64 MB Mod	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NPM-64B=	IGX Network Processor Module - 64 MB Mod	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NPM-64B-R	Redundant IGX Network Processor Module -	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NPM-64-R	Redundant Network Processor Module - 64	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-NTM	Network Trunk Module	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-PEM	Power Entry Module - DC for the IGX16 &	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-PEM=	Power Entry Module - DC for the IGX16 &	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-PEMBC=	PEM Back Card - DC for the IGX-16 or IGX	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-PLENUM=	Exhaust Plenum for the IGX-16 or IGX-32	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-PS-AC=	Additional 875W AC Power Supply for the	IGX	\$0.00	\$0.00	\$0.00	\$0.00



IGX-SCM=	System Clock Module with Ethernet and LE	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SR-7286=	System Software Sub-Release Upgrade From	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SR-8207=	System Software Sub-Release Upgrade from	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SR-8430=	System Software Sub-Release Upgrade from	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SR-8506=	System Software Sub-Release Upgrade from	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SR-8507=	System Software Sub-Release Upgrade from	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SR-9102=	System Software Sub-Release Upgrade from	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SR-9103=	System Software Sub-Release Upgrade from	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SW-7286	System Software License 7286 for IGX 16	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SW-8207	System Software License 8207 for IGX	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SW-8430	System Software License 8.4.30 for IGX 8	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SW-8506	System Software License 8.5.06 for IGX 1	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SW-8507	System Software License 8.5.07 for IGX 8	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SW-9102	System Software License 9.1.02 for IGX 8	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-SW-9103	System Software License 9.1.03 for IGX 8	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UCOOL=	IGX-16 or IGX-32 Upper Cooling unit	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UFM-4C	Universal Frame Relay Card (4 Ports)	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UFM-8C	Universal Frame Relay Card (8 Ports)	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UFM-8C-UPG	UFM-4C to UFM-8C UPGRADE	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UFM-U	Universal Frame Relay Module - Unchnl.	IGX	\$1,760.01	\$2,252.81	\$1,584.01	\$2,569.61
IGX-UVM	Universal Voice Module	IGX	\$1,705.01	\$2,182.41	\$1,534.51	\$2,489.31
IGX-UXM	Universal Switching Module	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-2-155-SMF	One IGX-UXM with one BC-UA1-2-155-SMF	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-3-E3	One IGX-UXM with one BC-UA1-3-E3	IGX	\$0.00	\$0.00	\$0.00	\$0.00



IGX-UXM-3-T3	One IGX-UXM with one BC-UA1-3-T3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-4-155-MMF	One IGX-UXM with one BC-UA1-4-155-MMF	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-4-155-SMF	One IGX-UXM with one BC-UA1-4-155-SMF	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-4-E1-BNC	One IGX-UXM with one BC-UA1-4-E1-BNC	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-4-E1-DB15	One IGX-UXM with one BC-UA1-4-E1-DB15	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-4-T1-DB15	One IGX-UXM with one BC-UA1-4-T1-DB15	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-6-E3	One IGX-UXM with one BC-UA1-6-E3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-6-T3	One IGX-UXM with one BC-UA1-6-T3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-8-E1-BNC	One IGX-UXM with one BC-UA1-8-E1-BNC	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-8-E1-DB15	One IGX-UXM with one BC-UA1-8-E1-DB15	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXM-8-T1-DB15	One IGX-UXM with one BC-UA1-8-T1-DB15	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXMVT-155-MMF	Virtual Trunking Package for UXM 155Mbps	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXMVT-155-SMF	Virtual Trunking Package for UXM 155Mbps	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXMVT-E1-BNC	Virtual Trunking Package for UXM E1 with	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXMVT-E1-DB15	Virtual Trunking Package for UXM E1 with	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXMVT-E3	Virtual Trunking Package for UXM E3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXMVT-T1-DB15	Virtual Trunking Package for UXM T1 with	IGX	\$0.00	\$0.00	\$0.00	\$0.00
IGX-UXMVT-T3	Virtual Trunking Package for UXM T3	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-INTL	PCS shelf only with 220VAC power supply	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-INTL-S-V11	220V 44 Port PCS unit with V.11 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-INTL-S-V28	220V 44 Port PCS unit with V.28 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-INTL-S-V35	220V 44 Port PCS unit with V.35 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-NA	PCS shelf only with 110VAC	IGX	\$0.00	\$0.00	\$0.00	\$0.00



	power supply					
PCS-NA-S-V11	110V 44 Port PCS unit with V.11 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-NA-S-V28	110V 44 Port PCS unit with V.28 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-NA-S-V35	110V 44 Port PCS unit with V.35 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-UK	PCS shelf only with 240VAC power supply	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-UK-S-V11	240V 44 Port PCS unit with V.11 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-UK-S-V28	240V 44 Port PCS unit with V.28 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-UK-S-V35	240V 44 Port PCS unit with V.35 Interfac	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-V11	PCS Module with 12 V.11 Interfaces	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-V28	PCS Module with 1 V.11 and 11 V.28 Inter	IGX	\$0.00	\$0.00	\$0.00	\$0.00
PCS-V35	PCS Module with 1 V.11 and 11 V.35 Inter	IGX	\$0.00	\$0.00	\$0.00	\$0.00
SSP-IGX16-AC2-1!	SSP on IGX16-AC2-1	IGX	\$630.00	\$806.40	\$567.00	\$919.80
SSP-IGX32!	Software Support for IGX32	IGX	\$4,643.99	\$5,944.31	\$4,179.59	\$6,780.23
SSP-IGX-FRM!	Software Support for IGX-FRM	IGX	\$959.90	\$1,228.67	\$863.91	\$1,401.45
SSP-IGX-FTM!	Software Support for IGX-FTM	IGX	\$1,179.00	\$1,509.12	\$1,061.10	\$1,721.34
SSP-IGX-HDM!	Software Support for IGX-HDM	IGX	\$420.99	\$538.87	\$378.89	\$614.65
SSP-IGX-NTM!	Software Support for IGX-NTM	IGX	\$774.01	\$990.73	\$696.61	\$1,130.05
SSP-IGX-UFM-4C/8C!	Software Support for IGX-UFM-4C/8C	IGX	\$3,329.97	\$4,262.36	\$2,996.97	\$4,861.76
SSP-IGX-UFM-8C!	SSP IGX-UFM-8C	IGX	\$3,329.97	\$4,262.36	\$2,996.97	\$4,861.76
SSP-IGX-UFM-U!	SSP IGX-UFM-U	IGX	\$1,440.01	\$1,843.21	\$1,296.01	\$2,102.41
SSP-IGX-UVM-T1EC-PAIR!	SSP IGX-UVM-T1EC-PAIR	IGX	\$2,519.99	\$3,225.59	\$2,267.99	\$3,679.19
IPX-5001E.8430	System Software License 8.4.30 for IPX 1	IPX	\$0.00	\$0.00	\$0.00	\$0.00
IPX-5001E.8506	System Software License 8.5.06 for IPX 1	IPX	\$0.00	\$0.00	\$0.00	\$0.00
IPX-5001E.8507	System Software License 8.5.07 for IPX 1	IPX	\$0.00	\$0.00	\$0.00	\$0.00
IPX-5001E.9102	System Software License 9.1.02 for IPX 1	IPX	\$0.00	\$0.00	\$0.00	\$0.00
IPX-5001E.9103	System Software License 9.1.03 for IPX 1	IPX	\$0.00	\$0.00	\$0.00	\$0.00



IPX-5941B=	IPX ISC V.34R Modem 28.8, Sync/Async/sec	IPX	\$0.00	\$0.00	\$0.00	\$0.00
IPX-SR-8430=	System Software Sub-Release Upgrade from	IPX	\$0.00	\$0.00	\$0.00	\$0.00
IPX-SR-8506=	System Software Sub-Release Upgrade from	IPX	\$0.00	\$0.00	\$0.00	\$0.00
IPX-SR-8507=	System Software Sub-Release Upgrade from	IPX	\$0.00	\$0.00	\$0.00	\$0.00
IPX-SR-9103=	System Software Sub-Release Upgrade from	IPX	\$0.00	\$0.00	\$0.00	\$0.00
CHAS-L1010=	LIGHTSTREAM 1010 SPARE CHASSIS (NO PWR S	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
FR-WA-S1S2=	IISP to P-NNI/IISP Feature Upgrade Licen	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
FR-WA-S1S4	IISP to (IISP & MPG PNNI) Feature Upgr	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
FR-WA-S2S4	IISP & PNNI Feature Set Upgrade License	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
FR-WA-S3S4	IISP & PNNI Feature Set Upgrade License	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
FR-WA-SX-HPNNI	Hierarchical PNNI Upgrade License	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
L1010-ASP-B-FC1	Hot-swapped ASP with Feature card I	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
L1010-ASP-B- FCPFQ	ATM Switch Processor + FC-Per Flow Queui	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
L1010-CHAS5	L1010 Chas 5	LightStream	\$3,250.01	\$4,160.01	\$2,925.01	\$4,745.01
L1010-PWR-AC	LightStream 1010 Power Supply- AC	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
L1010-PWR-AC/2	LightStream 1010 Redundant Power Supply-	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
LS1010-FK-MMF- FC1	L1010 BNDL-ASP,PS,CAM,4PRT PAM,PNNI	LightStream	\$3,250.01	\$4,160.01	\$2,925.01	\$4,745.01
LS1010-FK-UTA- FC1	Lightstream 1010 bundle	LightStream	\$3,250.01	\$4,160.01	\$2,925.01	\$4,745.01
LS1010-FK-UTP- FC1	Bundle LS1010, AC Pwr,L1010- ASP-B-FCI	LightStream	\$3,250.01	\$4,160.01	\$2,925.01	\$4,745.01
MEM-ASP-16M	LIGHTSTREAM 1010 DRAM 16MB DEFAULT (INST	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
MEM-ASP-32M	LIGHTSTREAM 1010 32 MB DRAM (INSTALLED)	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
MEM-ASP-32M=	LIGHTSTREAM 1010 32MB DRAM SPARE	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
MEM-ASP-64M	LIGHTSTREAM 1010 DRAM 64MB (INSTALLED)	LightStream	\$0.00	\$0.00	\$0.00	\$0.00



MEM-ASP-64M=	LIGHTSTREAM 1010 DRAM 64MB SPARE	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
MEM-ASP- FLC16M=	LIGHTSTREAM 1010 PCMCIA FLASH MEMORY CAR	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
MEM-ASP- FLC20M=	LIGHTSTREAM 1010 PCMCIA FLASH MEM CRD 20	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
MEM-ASP- FLC8M=	LIGHTSTREAM 1010 PCMCIA FLASH MEM CARD 8	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SF-WAS3-11.2.X	Cisco IOS Sftwr ATM Feature (Installed)	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SF-WAS3-5	IISP & PNNI Feature Set - Installed	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SF-WAS3-6	IISP & PNNI Feature Set - Installed	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SF-WAS4- 11.2.8.1F	IISP & PNNI Feature Set - Installed	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SF-WAS4-4	IISP & PNNI Feature Set - Installed	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SF-WAS4-6	IISP & PNNI FEATURE SET - INSTALLED	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SF-WAS5-5	LS1010 IISP and PNNI Feature Set	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SSP-1010!	Software Support Prog. Lightstream 1010	LightStream	\$2,600.01	\$3,328.01	\$2,340.01	\$3,796.01
SSP-A100!	SFTWR SPPRT CISCO HYPERSWITCH A100 MTCE	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
SSP-EXP-A100!	Express SSP-A100!	LightStream	\$121.99	\$156.15	\$109.79	\$178.11
SSP-EXP- A100S3MM!	Express SSP-A100S3MM!	LightStream	\$144.99	\$185.59	\$130.49	\$211.69
SSP-EXP- A100S3SS!	Express SSP-A100S3SS!	LightStream	\$405.99	\$519.67	\$365.39	\$592.75
SSP-L1010!	SFTWR SPPRT L1010 MTCE	LightStream	\$2,600.04	\$3,328.05	\$2,340.04	\$3,796.06
SSP-PRM-A100!	Premium SSP A100	LightStream	\$133.99	\$171.51	\$120.59	\$195.63
SSP-PRM- A100S3MM!	Premium SSP A100S3MM	LightStream	\$199.01	\$254.73	\$179.11	\$290.55
SSP-PRM- A100S3SS!	Premium SSP A100S3SS	LightStream	\$447.99	\$573.43	\$403.19	\$654.07
SSP-PRM-HS- A100	Lightstream 100 16-Port Modular ATM Swit	LightStream	\$2,802.99	\$3,587.83	\$2,522.69	\$4,092.37
SSP-PRM-L1010!	SSP Premium for Cisco L1010	LightStream	\$4,160.01	\$5,324.81	\$3,744.01	\$6,073.61
SW-WAS3-11.2.X=	(Spr)Cisco IOS Sftwr ATM Feature License	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-ATM25-12P	12 port ATM25 PAM w/96 pin telco cable	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-CVR=	PORT ADAPTER MODULE SLOT	LightStream	\$0.00	\$0.00	\$0.00	\$0.00



WAI-E1C-4RJ48	4 PORT E1 (CIRCUIT EMUL) W/BNC INTFC PAM	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-E3-2BNC	2-PORT E3 PAM (INSTALLED)	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-OC12-1MM	1-Port STS 12c/STM4c Multimode Fiber PAM	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-OC12-1SS	1-PORT STS12C/STM4C SMF PAM	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-OC12-1SSLR	1-pt STS12c/STM4 SM fiber long reach PAM	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-OC3-1S3M	OC3 Mix PAM, 1 IR+ Port and 3 SR Ports	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-OC3-4MM	4-PORT STS3C/STM1 MULTI FIBER PAM (INSTA	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-OC3-4SS	4-PORT STS3C/STM1 SINGLE- MODE FIBER PAM	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-OC3-4U5	4-PORT STS3C/STM1 UTP-5P AM (INSTALLED)	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-T1-4RJ48	4 Port T1 (trunk) with RJ48 Interface PA	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-T1C-4RJ48	4-port T1 circuit emulation card	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WAI-T3-4BNC	4 Port DS3 PAM	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WATM-CAM-2P	LIGHTSTREAM 1010 CARRIER MODULE (INSTALL	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
WATM-CAM- CVR=	LIGHTSTREAM 1010 CAM SLOT COVER	LightStream	\$0.00	\$0.00	\$0.00	\$0.00
AX-ASC2=	MGX 8220 Controller Card Enhanced	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-BNM-E3/B	Broadband Network Module - One E3 Port M	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-BNM-T3/B	Broadband Network Module - One T3 Port M	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-CESM-4T1	Circuit Emulation Service Module four T1	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-CESM-8E1	Circuit Emulation Service Module Eight E	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-CESM-8T1	Circuit Emulation Service Module 8 T1	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-DB15-4T1-BC	Four Port T1 Back Card for service Modul	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-FW-4011	Firmware Media Kit for Use with MGX 8220	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-FW-4011-DOS	Firmware Media Kit for Use with MGX 8220	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-FW-4017-DOS	Firmware Media Kit for Use with MGX 8220	MGX	\$0.00	\$0.00	\$0.00	\$0.00



AX-FW-4018	Firmware Media Kit for Use with MGX 8220	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-FW-4018-DOS	Firmware Media Kit for Use with MGX 8220	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-FW-4100	Firmware Media Kit for Use with Axis 4.1	MGX	\$0.00	\$0.00	\$0.00	\$0.00
AX-FW-4100-DOS	Firmware Media Kit for Use with Axis 4.1	MGX	\$0.00	\$0.00	\$0.00	\$0.00
DOUBLE SM- CVR=	Double height front card slot cover for	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-AC1-1	NR AC system for MGX 8800:AC Shelf1 feed	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-AC1-1=	NR AC system for MGX 8800:AC Shelf1 feed	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-AC2-2	Red AC pwrred AC feedAC Shelf2 PS2 MGX-C	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-AC2-2=	Red AC pwrred AC feedAC Shelf2 PS2 MGX-C	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-AC-RACK1=	Cisco 8800 AC Shelf Single feed	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-AC-RACK2=	Cisco 8800 AC Shelf Dual feed	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-AUSM- 8E1/B	ATM UNI Service Module Eight E1 Ports	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-AUSM-8T1/B	ATM UNI Service Module Eight T1 Ports	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-BNC-2E3	MGX 2 port E3 back card BNC connectors	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-BNC-2E3A	MGX 2 Port E3 Back Card BNC Connectors -	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-BNC-2T3	MGX 2 port T3 back card BNC connectors	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-BNC-3T3-M	Back Card for the AX-SRM-3T3 in the MGX	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-CAB- AC/DC=	Cable to connect Cisco 8800 AC or DC she	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-CAB-MGMT	MGX 8850 Cable Management	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-CAB- MGMT=	MGX 8850 Cable Management	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-CESM-T3E3	Circuit Emulation Service Module One T3	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-DC	MGX 8800 DC PEM	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-DC=	MGX 8800 DC PEM	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-FAN	M G X 8850 spare fan tray;Required for PXM	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-FAN-CAB	MGX FAN spare cable	MGX	\$0.00	\$0.00	\$0.00	\$0.00



MGX-FAN-SPACER	MGX 8850 spacer for PXM1 to PXM2 upgrade	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-FAN-SPACER=	MGX 8850 spacer for PXM1 to PXM2 upgrade	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-FR-IR72	MGX 8850 Interdomain Routing License	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-FRSM-2CT3	Frame Service Module Two Channelized T3	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-FRSM-2T3E3	Frame Service Module Two T3 or E3 Ports	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-FRSM-HS2	Frame Service Module High-speed Serial v	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-MMF-4-155	MGX 4 port 155 Mbps back card MMF SC con	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-MMF-FDDI	FDDI back card for the RPM MMF	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-MMF-FDDI/FD	FDDI full duplex back card for the RPM M	MGX	\$0.00	\$0.00	\$0.00	\$0.00
MGX-MMF-FE	Fast ethernet back card for the RPM MMF	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PROCESSOR CVR=	Double height front card slot cover for	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PS-1200-AC	1200 Watt Power Supply for AC Systems	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PS-1200-AC=	1200 Watt Power Supply for AC Systems	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PWRCD-NA	Power Cord w/ NEMA L6-20 Twistlock Plug	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1	MGX 8850 Processor Switch Module 1 front	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1=	MGX 8850 Processor Switch Module 1 front	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-1-622	MGX 8850 Processor Switch Module 1 1 622	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-1-622=	MGX 8850 Processor Switch Module 1 1 622	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-1-622-R	Redundant PXM1-2-622 and PXM1-UI	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-2-T3E3	MGX 8850 Processor Switch Module 1 2 T3	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-2-T3E3=	MGX 8850 Processor Switch Module 1 2 T3	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-2-T3E3-R	Redundant PXM1-2-T3E3 and PXM1-UI	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-4-155	MGX 8850 Processor Switch Module 1 4 155	MGX	\$0.00	\$0.00	\$0.00	\$0.00



PXM1-4-155=	MGX 8850 Processor Switch Module 1 4 155	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-4-155-R	Redundant PXM1-2-155 and PXM1-UI	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM1-R	Redundant PXM1 and PXM1-UI	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM-UI	PXM User Interface BC - PXM1	MGX	\$0.00	\$0.00	\$0.00	\$0.00
PXM-UI=	PXM User Interface BC - PXM1	MGX	\$0.00	\$0.00	\$0.00	\$0.00
SINGLE SM-CVR=	Single height front card slot cover for	MGX	\$0.00	\$0.00	\$0.00	\$0.00
SRM-CVR=	Single height front card slot cover for	MGX	\$0.00	\$0.00	\$0.00	\$0.00
SSP-PRM-WATM- CAM-2P	Premium Software Support for WATM-CAM-2P	MGX	\$0.00	\$0.00	\$0.00	\$0.00
720050.727U	StrataView Plus (any release) to Rel 7.2	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
720051.727U	StrataView Plus (any release) to Rel 7.2	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
HPOV.33	HP OpenView 3.3 - Sun	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
HPOV-L.40	HP OpenView 4.0 - Sun	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
HPOV-L.40U	HP Openview Upgrade FM 3.0 to 4.0-Sun	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
HPOV-S.40	HP OpenView 4.0 - Sun	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
HPOV-S.40U	HP Openview Upgrade FM 3.0 to 4.0-Sun	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-AGT-S.8143	Assy S/W SNMP Tape 8.1.43<12	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-AGT-S.8143U	Assy S/W SNMP Tape 8.1.43<12	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-AGT-S2L8143	Assy S/W SNMP Small to Large 8.1.43	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-AGT-SOL- L.8412	Assy S/W SNMP Tape 8.4.12>12	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-AGT-SOL- L.9003U	SNMP Service Agent Tape 9.0.03- -12 or gr	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-AGT-SOL- S.8412	Assy S/W SNMP Tape 8.4.12<12	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT-MOD.721	StrataSphere Modeler s/w license 720	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT-MOD.810	StrataSphere Modeler s/w license 810	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT- MOD.810U	Upgrade StrataSphere Modeler (NMT) 7.0 t	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT-MOD.811	Stratasphere Modeler S/W Lic Rel 8.11	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT- MOD.811U	Stratasphere Modeler S/W Lic upgrade to	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00



NM-NMT-MODEXP.91	Network Modeling Tool - Exporter 9.1.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT-MODEXP.91U	Modeler -Exporter upgrade: any release t	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT-MODOP.811	Stratasphere Modeler & Optimizer S/W Lic	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT-OPT.810	StrataSphere Optimizer	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-NMT-OPT.811	Stratasphere Optimizer S/W Lic Rel 8.11	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NMSPARC-20	StrataSphere NMS SPARC Station 20 - 20 M	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NMSPARC-5	StrataSphere NMS SPARC Station 5	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-720060	Multi-user WINGZ: 1 additional user for	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-720061	Multi-user WINGZ: 4 additional users for	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-AGNT-L.726	StrataSphere SNMP Service Agent (>=12 no	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-AGNT-S.726	StrataSphere SNMP Service Agent (<12 nod	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM.9103M	Upgrade to SV+ 9.1.03 from a previous 9.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-L.82XX	StrataView NMS for IBX AIX	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-L.8410	StrataView Plus >12 nodes 8.4.10	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-L.8410U	StrataView Plus AIX Upgrade >12 Nodes 8.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-L.9003	StrataView Plus >12 nodes 9.0.03	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-L.9003U	StrataView Plus AIX Upgrade >12 Nodes 9.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-L.9103	SV+ IBM greater than 200 physical user p	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-L.9103U	Upgrade to SV+ 9.1.03 IBM > 200 physical	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-S.8410	StrataView Plus < 12 nodes 8.4.10	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-S.8410U	StrataView Plus AIX Upgrade <12 Nodes 8.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-S.9003	StrataView Plus < 12 nodes 9.0.03	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-S.9003U	StrataView Plus AIX Upgrade <12 Nodes 9.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00



NM-SV-IBM-S.9103	SV+ IBM for 200 or less physical user p	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-S.9103U	Upgrade to SV+ 9.1.03 IBM <= 200 physica	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-S2L8410	StrataView Plus Small to Large upgrade	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-S2L9003	StrataView Plus Small to Large upgrade	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-S2L9103	StrataView Plus Small to Large license u	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-STAT8410	StrataView Plus Standalone Statistics Ag	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-STAT9003	StrataView Plus Standalone Statistics Ag	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-IBM-STAT9103	StrataView Plus Standalone Statistics Ag	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-L.727	StrataView Plus 727 s/w license (>=12 no	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-L.8142	StrataView Plus >12 Nodes 8.1.42	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-L.8142U	StrataView Plus >12 Nodes 8.1.42	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-L.8143	StrataView Plus >12 Nodes 8.1.43	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-L.8143U	StrataView Plus >12 Nodes 8.1.43	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-S.727	StrataView Plus 727 s/w license (<12 nod	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-S.8142	StrataView Plus <12 Nodes 8.1.42	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-S.8142U	StrataView Plus <12 Nodes 8.1.42	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-S.8143	StrataView Plus <12 Nodes 8.1.43	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-S.8143U	StrataView Plus <12 Nodes 8.1.43	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-S.8205	StrataView Plus, <12 Nodes, 8.2.05	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-S2L8143	StrataView Plus Small to Large 8.1.43	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL.8412M	Upgrade to SV+ 8.4.12 from a previous 9.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL.9103M	Upgrade to SV+ 9.1.03 from a previous 9.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-L.8412	StrataView Plus 12 or greater nodes 8.4.	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-L.9103	SV+ Solaris greater than 200 physical us	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-L.9103U	Upgrade to SV+ 9.1.03 Solaris > 200 phys	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-S.8412	StrataView Plus for less than 12 nodes 8	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00



NM-SV-SOL-S.8412U	Upgrade to StrataView Plus Small for < 1	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-S.9103	SV+ Solaris for 200 or less physical us	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-S.9103U	Upgrade to SV+ 9.1.03 Solaris <= 200 phy	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-S2L9103	StrataView Plus Small to Large license u	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-STAT8412	StrataView Plus Standalone Statistics Ag	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-SOL-STAT9103	StrataView Plus Standalone Statistics Ag	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-STAT.727	Standalone Statistics Agent - SUN	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-STAT.8142	StrataView Plus Statistic Coll Manager 8	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
NM-SV-STAT.8143	StrataView Plus Statistic Coll Manager 8	StrataSphere	\$0.00	\$0.00	\$0.00	\$0.00
CAB-PB-WAN-V35	V35 WAN Cable	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
SSP-WS-PROBESC!	SFTWR SPPRT RMON PROBE MTCE	SwitchProbe	\$900.00	\$1,152.00	\$810.00	\$1,314.00
WS-PB6-1ETH-8	SwitchProbe, One Port Ethernet, 8MB	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB6-1WANETH-16	SwitchProbe, One Port WAN & Ethernet 16M	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB6-ETHTR-16	SwitchProbe, Ethernet and Token Ring	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB7-2WANETH-32	SwitchProbe, 2 Port WAN & Ethernet, 32MB	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB8-1FEFD-FX-32	SwitchProbe One Port FE Full Duplex FX Et	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB8-1FEFD-TX-32	SwitchProbe One Port FE Full Duplex TX Et	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB8-1FEHD-FX-32	SwitchProbe One Port FE Half Duplex FX Et	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB8-1FEHD-TX-32	SwitchProbe One Port FE Half Duplex TX Et	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB8-2FEHD-FX-32	SwitchProbe Two Port FE Half Duplex FX Et	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB8-2FEHD-TX-32	SwitchProbe Two Port FE Half Duplex TX Et	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB8-2WANETH-32	SwitchProbe Two Port WAN and Ethernet 32	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00



WS-PB8-4WANETH-64	SwitchProbe Four Port WAN and Ethernet 6	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00
WS-PB8-DFDDIETH-32	SwitchProbe FDDI (DAS) and Ethernet 32MB	SwitchProbe	\$0.00	\$0.00	\$0.00	\$0.00

COMMODITY CODE(S):

20623000000-COMMUNICATION PROCESSORS AND PROTOCOL CONVERTORS: FRONT-END

20464000000-NETWORK COMPONENTS: ADAPTER CARDS, BRIDGES, CONNECTORS, EXPA

20420000000-COMMUNICATION CONTROL UNITS: CONCENTRATORS, MULTIPLEXORS, CO